

Anti-SCAI antibody [EPR4128] - BSA and Azide free ab247960

リコンビナント RabMAb

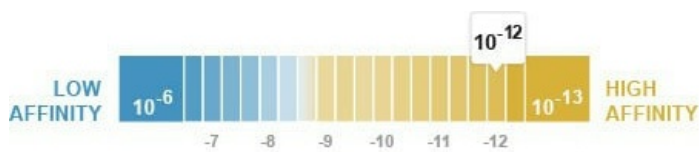
画像数 12

製品の概要

製品名	Anti-SCAI antibody [EPR4128] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4128] to SCAI - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, Flow Cyt (Intra), WB, ICC/IF
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab247960 is the carrier-free version of ab124688.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態 Liquid
 保存方法 Shipped at 4°C. Store at +4°C. Do Not Freeze.
 解離定数 (K_D 値) K_D = 5.80 x 10⁻¹² M



[Learn more about K_D](#)

バッファー pH: 7.2
 Constituent: PBS
 キャリア・フリー はい
 精製度 Protein A purified
 ポリ/モノ モノクローナル
 クローン名 EPR4128
 アイソタイプ IgG

アプリケーション

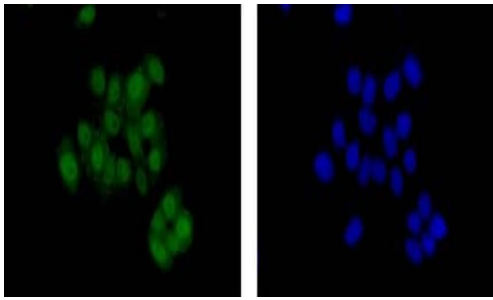
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab247960の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 66 kDa (predicted molecular weight: 70 kDa).
ICC/IF		Use at an assay dependent concentration.

ターゲット情報

機能 Tumor suppressor which functions to suppress MKL1-induced SRF transcriptional activity. May function in the RHOA-DIAPH1 signal transduction pathway and regulate cell migration through transcriptional regulation of ITGB1.
 配列類似性 Belongs to the SCAI family.
 細胞内局在 Membrane. Nucleus. Cytoplasm. Nuclear localization is required for inhibition of MKL1.

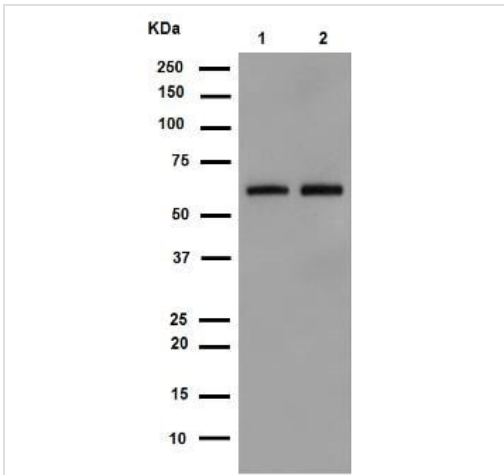
画像



Immunocytochemistry/ Immunofluorescence - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation.

Immunofluorescent staining of MCF7 cells (fixed with 4% PFA) with purified **ab124688** at a dilution of 1/400. An Alexa Fluor[®] 488 goat anti-rabbit antibody was used as the secondary at a dilution of 1/200. The panel on the right shows the DAPI counter-staining.



Western blot - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

All lanes : Anti-SCAI antibody [EPR4128] (**ab124688**) at 1/1600 dilution (purified)

Lane 1 : Mouse brain tissue lysate

Lane 2 : Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

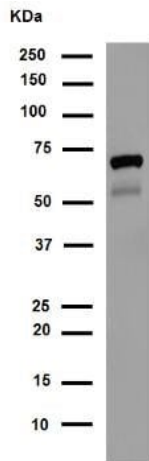
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFD/MBST.



Western blot - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

Anti-SCAI antibody [EPR4128] (**ab124688**) at 1/1600 dilution (purified) + Human thyroid tissue lysate at 20 µg

Secondary

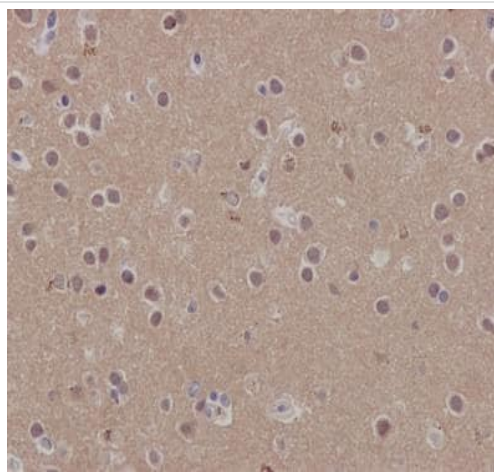
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation.

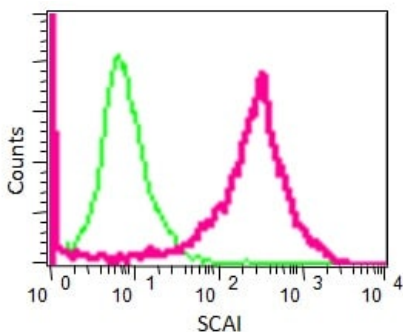
Blocking and dilution buffer: 5% NFD/MTBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation.

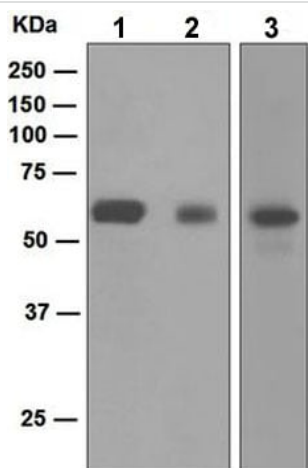
Immunohistochemical staining of paraffin embedded human brain with purified **ab124688** at a working dilution of 1 in 50. The secondary antibody used is a HRP polymer for rabbit IgG. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0.



Flow Cytometry (Intracellular) - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation.

Overlay histogram showing SH-SY5Y cells fixed in 2% PFA and stained with purified **ab124688** at a dilution of 1 in 160 (pink line). The secondary antibody used was FITC goat anti-rabbit at a dilution of 1 in 150. Rabbit monoclonal IgG was used as an isotype control.



Western blot - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

All lanes : Anti-SCAI antibody [EPR4128] ([ab124688](#)) at 1/1000 dilution (unpurified)

Lane 1 : Human Thymus lysate

Lane 2 : Human Thyroid lysate

Lane 3 : 293T cell lysate

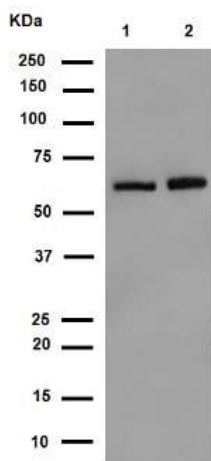
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat-anti-rabbit HRP at 1/2000 dilution

Predicted band size: 70 kDa

This data was developed using [ab124688](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

All lanes : Anti-SCAI antibody [EPR4128] ([ab124688](#)) at 1/200 dilution (purified)

Lane 1 : Mouse brain tissue lysate

Lane 2 : Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

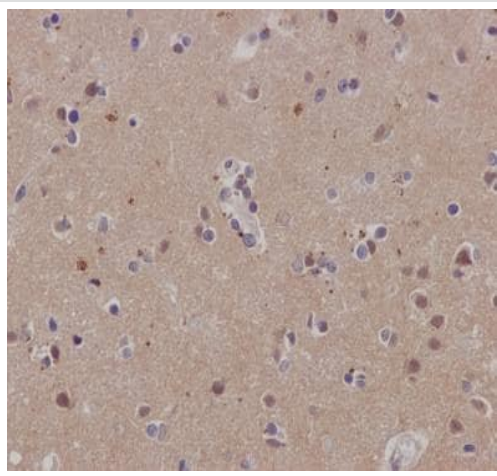
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

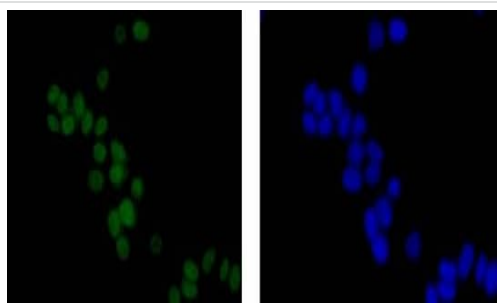
This data was developed using [ab124688](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFD/MTBST.



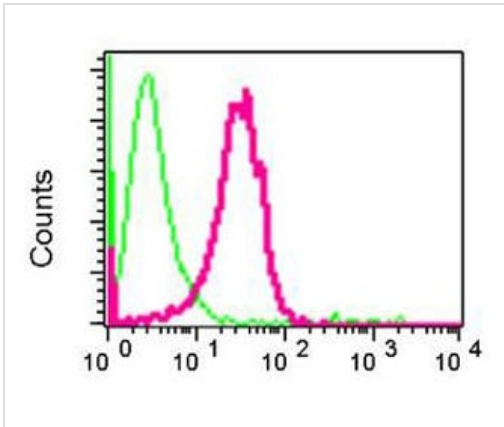
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

This data was developed using **ab124688**, the same antibody clone in a different buffer formulation. Immunohistochemical staining of paraffin embedded human brain with unpurified **ab124688** at a working dilution of 1 in 5. The secondary antibody used is a HRP polymer for rabbit IgG. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0.



Immunocytochemistry/ Immunofluorescence - Anti-SCAI antibody [EPR4128] - BSA and Azide free (ab247960)

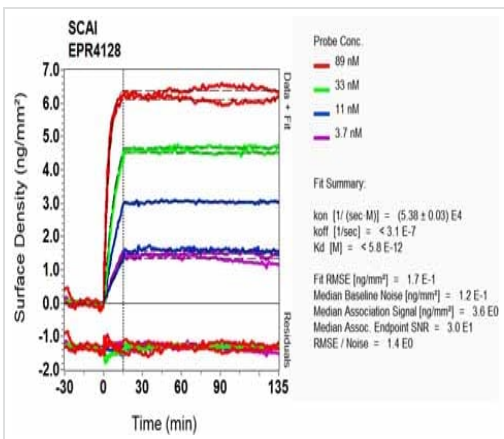
This data was developed using **ab124688**, the same antibody clone in a different buffer formulation. Immunofluorescent staining of MCF7 cells (fixed with 4% PFA) with unpurified **ab124688** at a dilution of 1/50. An Alexa Fluor[®] 488 goat anti-rabbit antibody was used as the secondary at a dilution of 1/200. The panel on the right shows the DAPI counter-staining.



Flow Cytometry (Intracellular) - Anti-SCAI antibody
[EPR4128] - BSA and Azide free (ab247960)

This data was developed using [ab124688](#), the same antibody clone in a different buffer formulation.

Unpurified [ab124688](#) at 1/100 dilution staining SCAI in SH-SY5Y cells by intracellular flow cytometry (red) compared to a nonspecific negative control antibody (green).



OI-RD Scanning - Anti-SCAI antibody [EPR4128] -
BSA and Azide free (ab247960)

This data was developed using [ab124688](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?

Research with confidence
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Recombinant technology

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Confirmed specificity

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Animal-free production

Anti-SCAI antibody [EPR4128] - BSA and Azide free
(ab247960)

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