

Anti-SCAI antibody [EPR4128] ab124688

リコンビナント RabMAb

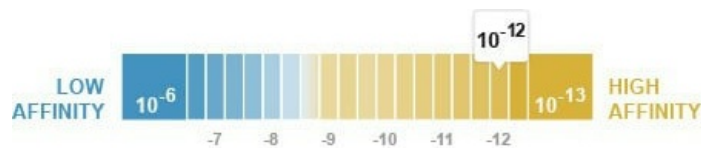
4 References 画像数 12

製品の概要

製品名	Anti-SCAI antibody [EPR4128]
製品の詳細	Rabbit monoclonal [EPR4128] to SCAI
由来種	Rabbit
アプリケーション	適用あり: IHC-P, Flow Cyt (Intra), ICC/IF, WB
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.
ポジティブ・コントロール	Human thymus, thyroid, and 293T cell lysates; SH-SY5Y cells.
特記事項	<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 -20°C. Stable for 12 months at -20°C.
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: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
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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

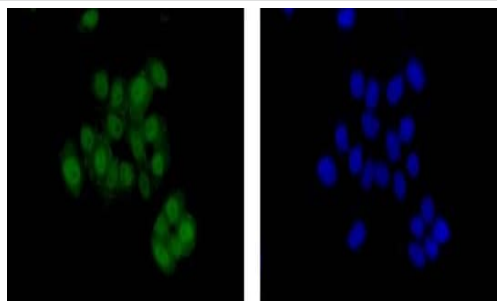
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab124688の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/50. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For unpurified, use 1/5. See IHC antigen retrieval protocol .
Flow Cyt (Intra)		1/160. For unpurified, use 1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/400. For unpurified, use 1/50.
WB		1/1000 - 1/2000. Detects a band of approximately 66 kDa (predicted molecular weight: 70 kDa). For unpurified, use 1/200.

ターゲット情報

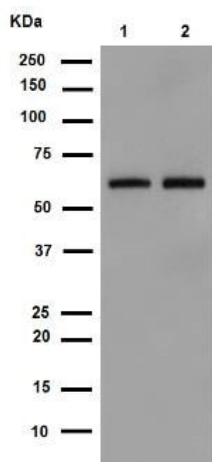
機能	Tumor suppressor which functions to suppress MKL1-induced SRF transcriptional activity. May function in the RHOA-DIAPH1 signal transduction pathway and regulate cell migration through transcriptional regulation of ITGB1.
配列類似性	Belongs to the SCAI family.
細胞内局在	Membrane. Nucleus. Cytoplasm. Nuclear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

画像



Immunocytochemistry/ Immunofluorescence - Anti-SCAI antibody [EPR4128] (ab124688)

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] (ab124688)

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

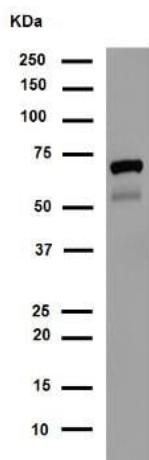
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-SCAI antibody [EPR4128] (ab124688)

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

Secondary

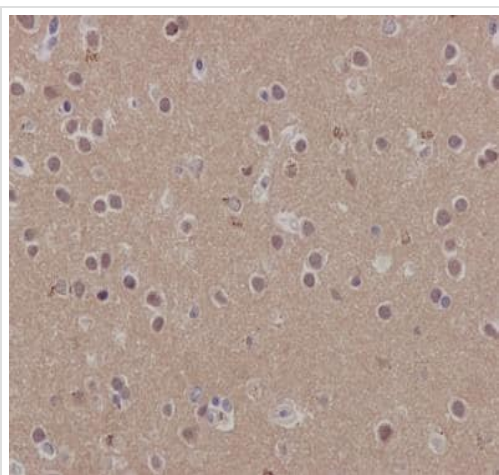
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

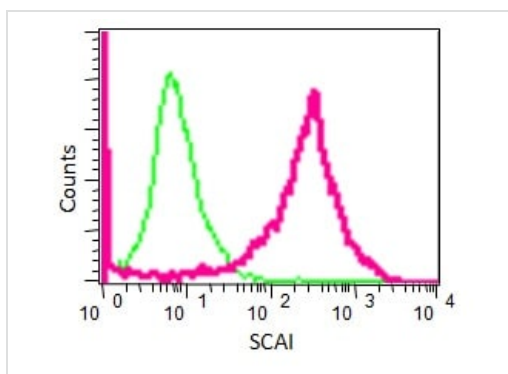
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



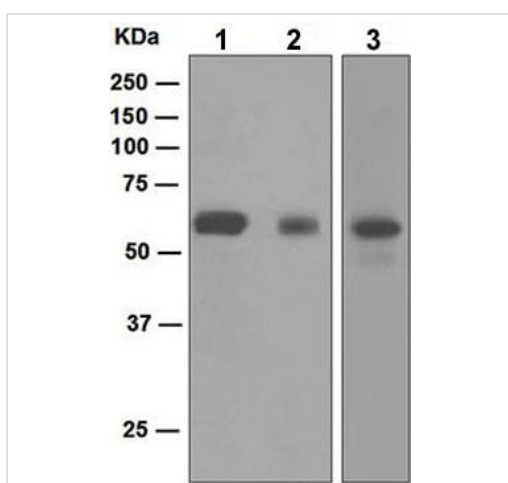
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCAI antibody [EPR4128] (ab124688)

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] (ab124688)

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] (ab124688)

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

Lane 1 : Human Thymus lysate

Lane 2 : Human Thyroid lysate

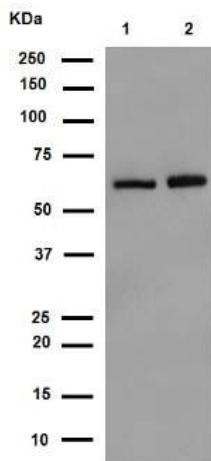
Lane 3 : 293T cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 70 kDa



Western blot - Anti-SCAI antibody [EPR4128] (ab124688)

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

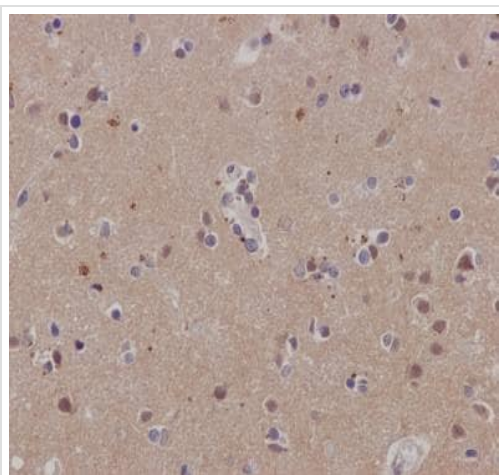
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 70 kDa

Observed band size: 66 kDa

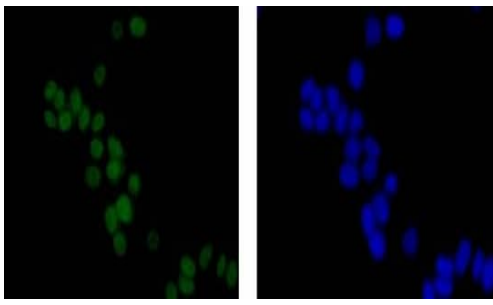
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



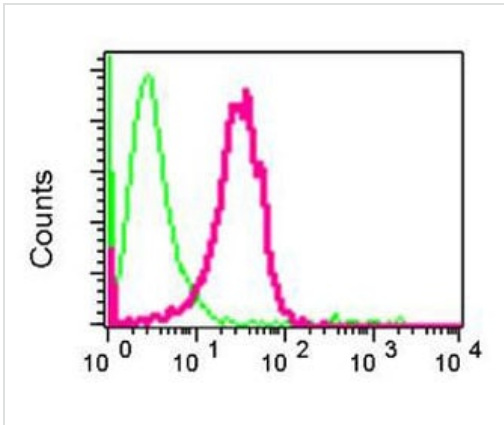
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCAI antibody [EPR4128] (ab124688)

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.



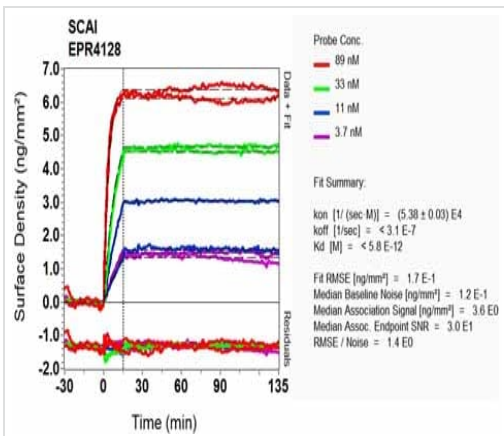
Immunocytochemistry/ Immunofluorescence - Anti-SCAI antibody [EPR4128] (ab124688)

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] (ab124688)

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).



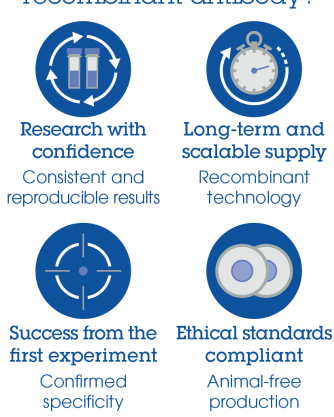
OI-RD Scanning - Anti-SCAI antibody [EPR4128] (ab124688)

Equilibrium dissociation constant (K_D)

Learn more about K_D

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

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-SCAI antibody [EPR4128] (ab124688)

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