

Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free ab220800

KO 評価済 リコンビナント RabMAb

3 References 画像数 5

製品の概要

製品名	Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EP1551Y] to ARPC5/p16 ARC - BSA and Azide free
由来種	Rabbit
特異性	This antibody is specific to the p16 ARC protein, database link: O15511 . There is no observed cross reactivity to the CDKN2A/p16INK4a protein.
アプリケーション	適用あり: IHC-P, ICC/IF, IP, WB 適用なし: Flow Cyt
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	WB: Human fetal, mouse and rat brain tissue lysates and HeLa, HepG2, SKBR-3 and MCF-7 cell lysates. IHC-P: Human uterus adenocarcinoma and spleen tissues. ICC/IF: Neuro-2a cells. IP: Human fetal brain tissue lysate.
特記事項	<p>ab220800 is the carrier-free version of ab51243.</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>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.
バッファー	pH: 7.20 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	EP1551Y
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ab220800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。

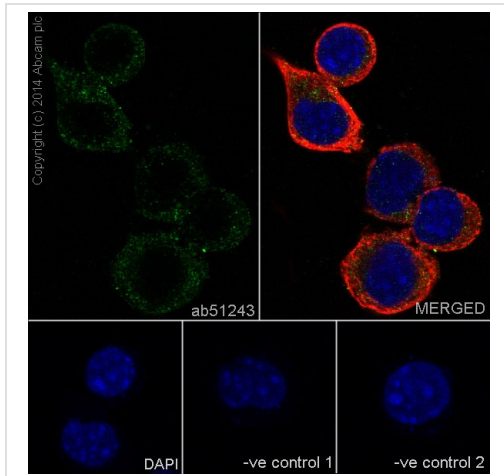
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See IHC antigen retrieval protocols . We have obtained results that indicate IHC-P is unsuitable for mouse and rat species.
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 16 kDa (predicted molecular weight: 16 kDa).

追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

機能	Functions as component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks.
配列類似性	Belongs to the ARPC5 family.
細胞内局在	Cytoplasm > cytoskeleton. Cell projection.

画像



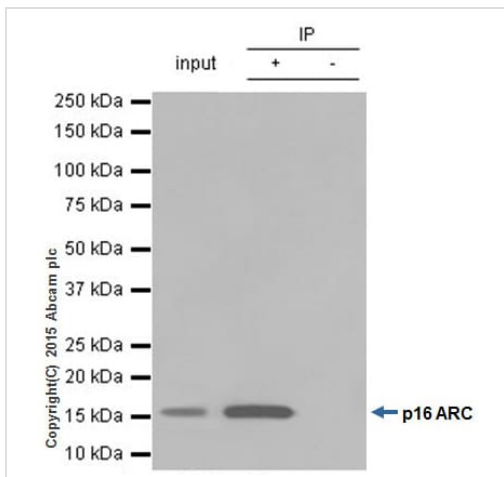
Immunocytochemistry/ Immunofluorescence - Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free (ab220800)

Immunocytochemistry/Immunofluorescence analysis of Neuro-2a cells labelling p16 ARC with purified **ab51243** at a dilution of 1/100. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody. DAPI (blue) was used as the nuclear counterstain. **ab7291**, a mouse anti-tubulin (1/1000) and **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/1000) were also used.

Control 1: primary antibody (1/100) and secondary antibody, **ab150120**, an Alexa Fluor® 594-conjugated goat anti-mouse IgG (1/1000).

Control 2: **ab7291** (1/1000) and secondary antibody, **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51243**).



Immunoprecipitation - Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free (ab220800)

ab51243 (purified) at a dilution of 1/20 immunoprecipitating p16 ARC in human fetal brain tissue lysate.

Lane 1 (input): Human fetal brain tissue lysate (10µg)

Lane 2 (+): **ab51243** + human fetal brain tissue lysate.

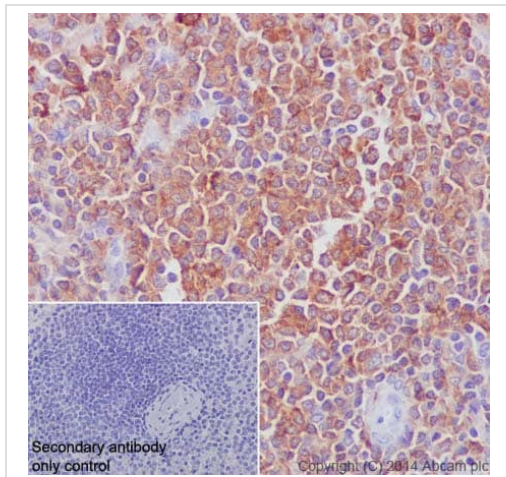
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab51243** in human fetal brain tissue lysate.

For western blotting, a HRP-conjugated anti-rabbit specific to the non-reduced form of IgG was used as the secondary antibody (1/1500).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51243**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free (ab220800)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human spleen tissue labelling p16 ARC with purified **ab51243** at a dilution of 1/50. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51243**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARPC5/p16 ARC antibody [EP1551Y] - BSA and Azide free (ab220800)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human uterus adenocarcinoma tissue labelling p16 ARC with unpurified **ab51243** at a dilution of 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51243**).

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