abcam

Product datasheet

Anti-PPP1CA + PPP1CB antibody [EP1511Y] ab52619

重组 RabMAb

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概述

产品名称	Anti-PPP1CA + PPP1CB抗体[EP1511Y]
描述	兔单克隆抗体[EP1511Y] to PPP1CA + PPP1CB
宿主	Rabbit
特异性	The immunogen for this antibody is 100% homologous with Human PPP1CA and PPP1CB
经测试应用	**适用于:** Flow Cyt (Intra), WB, IP, IHC-P, ICC/IF
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide within Human PPP1CA + PPP1CB aa 200-300. The exact sequence is proprietary. Database link: **P62140**
阳性对照	WB: mouse brain lysate, rat brain lysate; T47-D cell lysate, HeLa cell lysate; SKBR-3 cell lysate, Jurkat cell lysate. ICC/IF: HepG2 cells. IHC-P: Human cerebral cortex tissue. Flow Cyt: HeLa cells. IP: Jurkat cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆

克隆编号	EP1511Y
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab52619于以下的经测试应用**

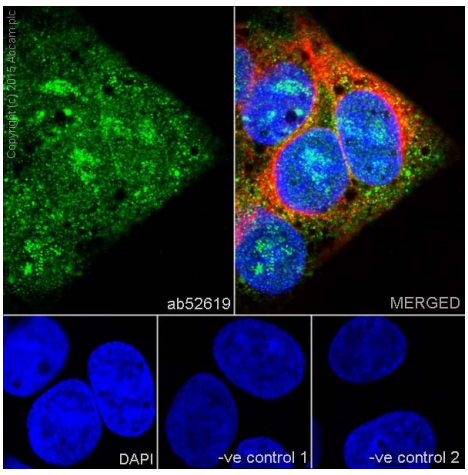
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/100 - 1/150. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★☆☆☆☆ **(1)**	1/20000 - 1/100000. Predicted molecular weight: 37 kDa.
IP		1/30 - 1/100.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See **IHC antigen retrieval protocols**.
ICC/IF		1/50 - 1/250.

靶标

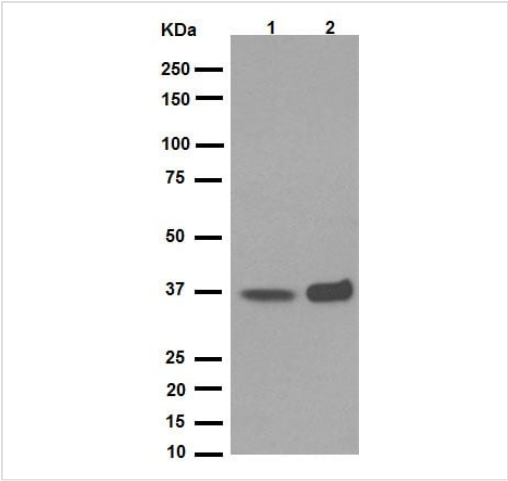
细胞定位	Cytoplasm. Nucleus. Nucleus > nucleoplasm. Nucleus > nucleolus.

图片



Immunocytochemistry/ Immunofluorescence - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

ab52619 staining PPP1CA + 1CB in the HepG2 cell line by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with primary antibody (1/50). **ab150077**(1/500) an Alexa Fluor®488-conjugated Goat anti-rabbit IgG was used as the secondary antibody. Nuclei were counterstained with DAPI.



Western blot - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

All lanes : Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619) at 1/100000 dilution

Lane 1 : Mouse Brain lysate

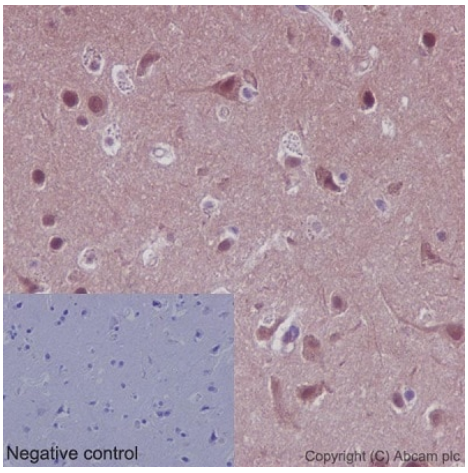
Lane 2 : Rat Brain lysate

Lysates/proteins at 20 µg per lane.

Secondary

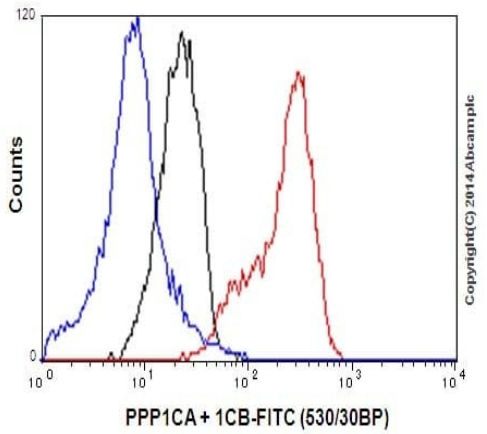
All lanes : Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 37 kDa



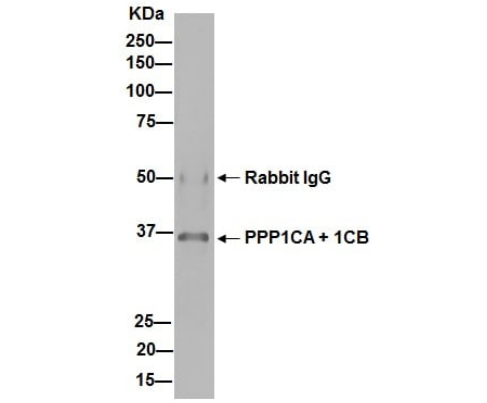
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

ab52619 staining PP1CA + 1CB in Human cerebrum cortex tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed and paraffin-embedded, antigen retrieval was by heat mediation in Tris/EDTA buffer pH9. Samples were incubated with primary antibody (1/50). An undiluted HRP-conjugated mouse anti-rabbit IgG was used as the secondary antibody. Tissue counterstained with Hematoxylin. PBS was used in the negative control rather than the Primary antibody.



Flow Cytometry (Intracellular) - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

Overlay histogram showingHeLa cells stained with ab52619 (red line) at 1/150 dilution. The cells were fixed with 80% methanol. The secondary antibody used was a FITC conjugated goat anti-rabbit IgG at 1/150 dilution. Isotype control antibody (black line) was rabbit monoclonal IgG used under the same conditions. Cells also incubated without primary antibody and secondary antibody (blue line)

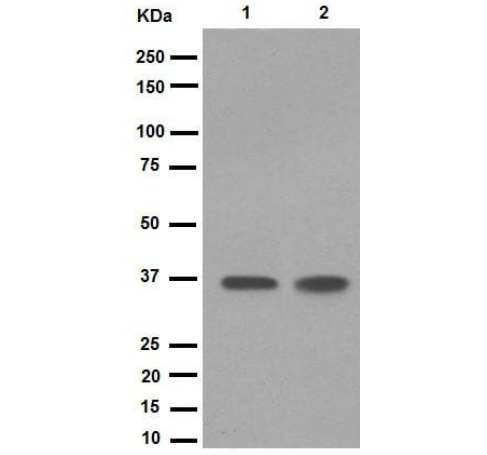


Immunoprecipitation - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

ab52619 (purified) at 1/30 immunoprecipitating PPP1CA + 1CB in Jurkat cell lysate. For western blotting, a HRP-conjugated Goat anti-rabbit IgG, specific to the non-reduced form of IgG was used as the secondary antibody (1/1000).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

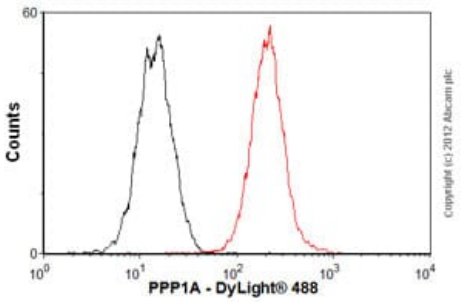
All lanes : Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619) at 1/100000 dilution

Lane 1 : T47-D cell Lysate
Lane 2 : HeLa cell Lysate

Lysates/proteins at 20 µg per lane.

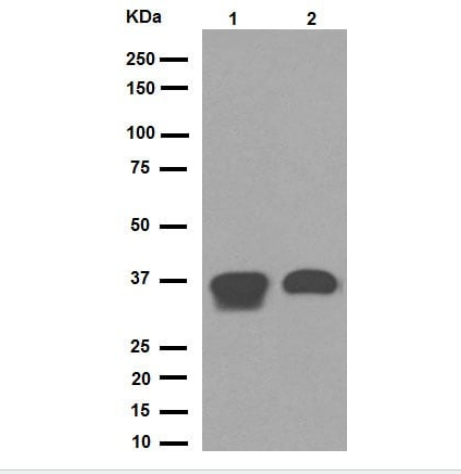
Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 37 kDa



Flow Cytometry (Intracellular) - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

Overlay histogram showing HeLa cells stained with ab52619, unpurified (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab52619, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-rabbit IgG (H+L) (**ab96899**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.



Western blot - Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

All lanes : Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619) at 1/20000 dilution

Lane 1 : SKBR-3 cell lysate
Lane 2 : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), HRP-conjugated at 1/1000 dilution

Predicted band size: 37 kDa

Anti-PPP1CA + PPP1CB antibody [EP1511Y] (ab52619)

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