

Product datasheet

Anti-VPS28 antibody [EPR9880] ab154793

Recombinant RabMAb

[1 References](#) [8 Images](#)

Overview

Product name	Anti-VPS28 antibody [EPR9880]
Description	Rabbit monoclonal [EPR9880] to VPS28
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human VPS28. The exact sequence is proprietary. Database link: Q9UK41
Positive control	WB: HepG2, Jurkat and LnCaP cell lysates and mouse and rat brain tissue lysates. IP: Jurkat cell lysate.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9880

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154793 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 25 kDa.
IP		1/50.

Application notes

Is unsuitable for IHC-P.

Target

Function

Component of the ESCRT-I complex, a regulator of vesicular trafficking process.

Sequence similarities

Belongs to the VPS28 family.

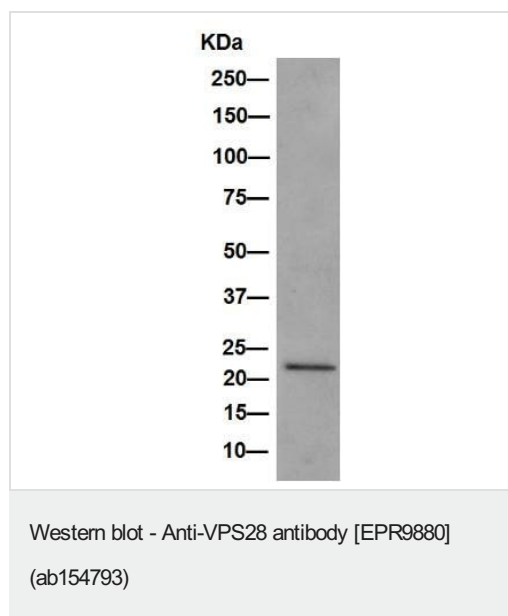
Contains 1 VPS28 C-terminal domain.

Contains 1 VPS28 N-terminal domain.

Cellular localization

Cell membrane. Late endosome membrane.

Images



Anti-VPS28 antibody [EPR9880] (ab154793) at 1/2000 dilution (unpurified) + HepG2 cell lysate at 10 µg

Secondary

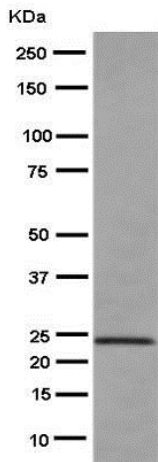
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Blocking buffer and concentration: 5% NFDN/TBST.

Diluting buffer and concentration: 5% NFDN /TBST.



Western blot - Anti-VPS28 antibody [EPR9880] (ab154793)

Anti-VPS28 antibody [EPR9880] (ab154793) at 1/1500 dilution (purified) + HepG2 cell lysate at 10 µg

Secondary

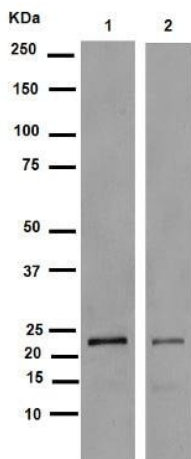
Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Blocking buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm /TBST.



Western blot - Anti-VPS28 antibody [EPR9880] (ab154793)

All lanes : Anti-VPS28 antibody [EPR9880] (ab154793) at 1/2000 dilution (unpurified)

Lane 1 : Mouse brain tissue lysate

Lane 2 : Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

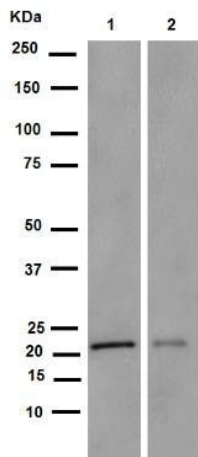
All lanes : Peroxidase-conjugated goat anti-rabbit IgG, (H+L) at 1/1000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Blocking buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm /TBST.



Western blot - Anti-VPS28 antibody [EPR9880] (ab154793)

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Lysates/proteins at 20 µg per lane.

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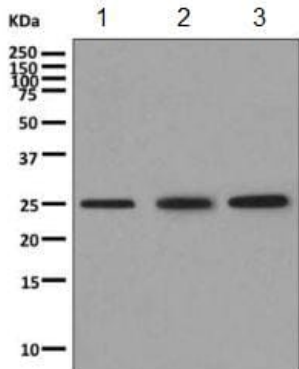
All lanes : Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Western blot - Anti-VPS28 antibody [EPR9880] (ab154793)

All lanes : Anti-VPS28 antibody [EPR9880] (ab154793) at 1/1000 dilution (unpurified)

Lane 1 : HepG2 cell lysate

Lane 2 : Jurkat cell lysate

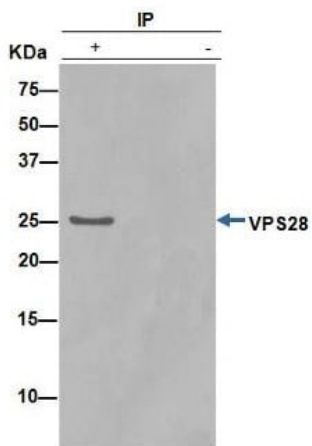
Lane 3 : LnCaP cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 25 kDa

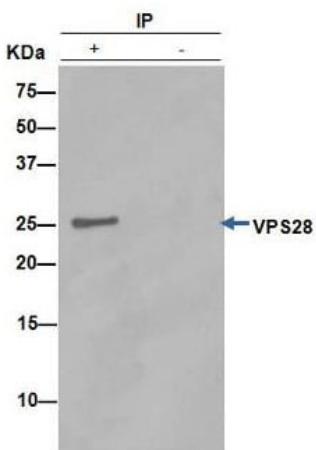


Immunoprecipitation - Anti-VPS28 antibody
[EPR9880] (ab154793)

ab154793 (unpurified) at 1/50 immunoprecipitating VPS28 in jurkat cell lysate (Lane 1). Lane 2 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, 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.



Immunoprecipitation - Anti-VPS28 antibody
[EPR9880] (ab154793)

ab154793 (purified) at 1/50 immunoprecipitating VPS28 in jurkat cell lysate (Lane 1). Lane 2 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, 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.

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-VPS28 antibody [EPR9880] (ab154793)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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