


Product datasheet

Anti-AP3M2 antibody [EPR12965] - N-terminal ab180138

Recombinant RabMAb

[5 Images](#)

Overview

Product name	Anti-AP3M2 antibody [EPR12965] - N-terminal
Description	Rabbit monoclonal [EPR12965] to AP3M2 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human AP3M2 aa 1-100 (N terminal). The exact sequence is proprietary. Database link: P53677
Positive control	Human fetal brain, HepG2, SH-SY5Y and U87-MG lysates; HepG2 cells.
General notes	<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>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR12965
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab180138 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
Flow Cyt (Intra)		1/30. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/5000 - 1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 47 kDa).
ICC/IF		1/500.

Target

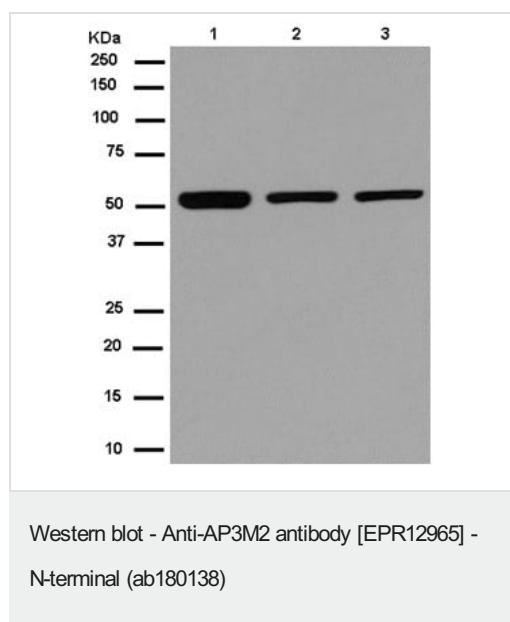
Relevance

Part of the AP-3 complex, AP3M3 is an adaptor-related complex not clathrin-associated. The complex is associated with the Golgi region and to more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.

Cellular localization

Golgi apparatus.

Images



All lanes : Anti-AP3M2 antibody [EPR12965] - N-terminal (ab180138) at 1/20000 dilution

Lane 1 : Human fetal brain tissue lysate

Lane 2 : HepG2 cell Lysate

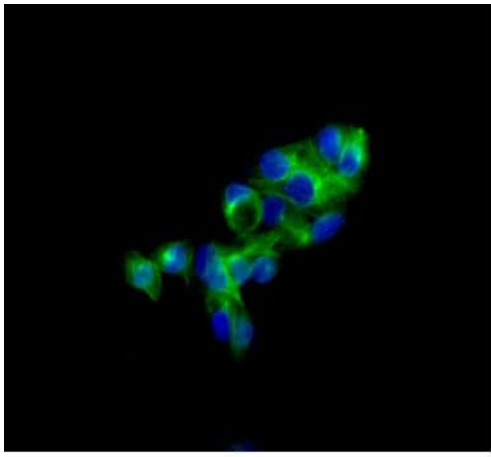
Lane 3 : SH-SY5Y cell Lysate

Lysates/proteins at 20 µg per lane.

Secondary

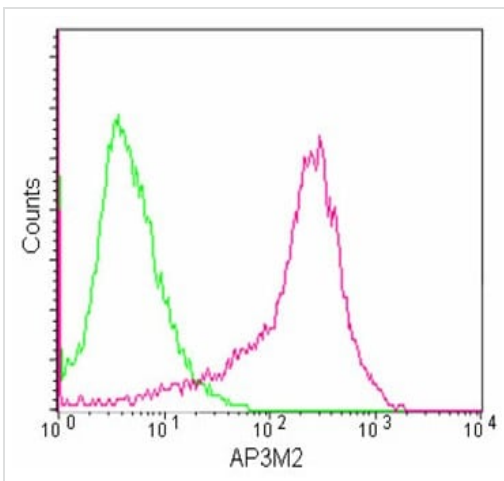
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 47 kDa



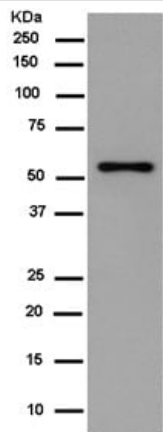
Immunocytochemistry/ Immunofluorescence - Anti-AP3M2 antibody [EPR12965] - N-terminal (ab180138)

Immunofluorescent analysis of 4% paraformaldehyde-fixed HepG2 cells labeling AP3M2 with ab180138 at 1/500 dilution. Secondary antibody Goat anti rabbit IgG (Dylight 488) at 1/250 dilution. Conterstained with Dapi blue.



Flow Cytometry (Intracellular) - Anti-AP3M2 antibody [EPR12965] - N-terminal (ab180138)

Intracellular flow cytometric analysis of 2% paraformaldehyde fixed U87-MG cells labeling AP3M2 with ab180138 at 1/30 dilution. Secondary antibody Goat anti rabbit IgG (FITC) at 1/75 dilution. Isotype control Rabbit IgG.



Anti-AP3M2 antibody [EPR12965] - N-terminal (ab180138) at 1/5000 dilution + U87-MG at 20 µg




Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 47 kDa

Western blot - Anti-AP3M2 antibody [EPR12965] - N-terminal (ab180138)

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-AP3M2 antibody [EPR12965] - N-terminal (ab180138)

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

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