




Product datasheet

Anti-AP1M2 antibody ab220678

1 Image

Overview

Product name	Anti-AP1M2 antibody
Description	Rabbit polyclonal to AP1M2
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment corresponding to Human AP1M2 aa 1-100. Database link: Q9Y6Q5  Run BLAST with  Run BLAST with
Positive control	Caco2 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab220678 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Function

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

Sequence similarities

Belongs to the adaptor complexes medium subunit family.
Contains 1 MHD (mu homology) domain.

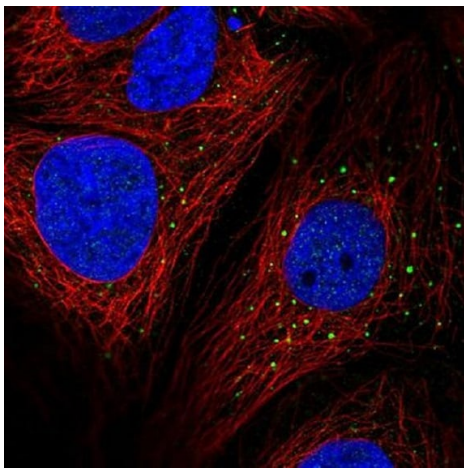
Post-translational modifications

Phosphorylation of membrane-bound AP1M1/AP1M2 increases its affinity for sorting signals.

Cellular localization

Golgi apparatus. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

Images



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized Caco2 cells labeling AP1M2 with ab220678 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-AP1M2 antibody (ab220678)

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

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