abcam

Product datasheet

Anti-RAB35 antibody ab105762

2 References 1 Image

Overview

Product name	Anti-RAB35 antibody
Description	Rabbit polyclonal to RAB35
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 71-120 (RTITSTYYRG THGVIVVYDV TSAESFVNVK RWLHEINQNC DDVCRILVGN) of Human RAB35 (NP_006852). Run BLAST with ExPASy Run BLAST with NCBI
General notes	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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab105762 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		Use a concentration of 1 µg/ml. Predicted molecular weight: 23 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

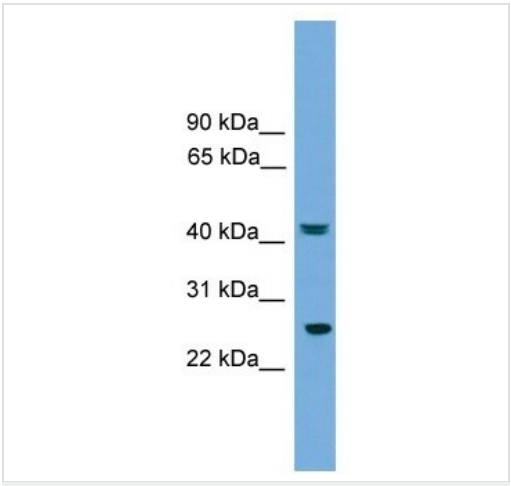
Target

Function In the process of endocytosis, essential rate-limiting regulator of a fast recycling pathway back to the plasma membrane. During cytokinesis, required for the postfurrowing terminal steps, namely for intercellular bridge stability and abscission, possibly by controlling phosphatidylinositol 4,5-bis phosphate (PIP2) and SEPT2 localization at the intercellular bridge.

Sequence similarities Belongs to the small GTPase superfamily. Rab family.

Cellular localization Cell membrane. Membrane > clathrin-coated pit. Cytoplasmic vesicle > clathrin-coated vesicle. Endosome. Melanosome. Present on sorting endosomes and endosomal tubules. Tends to be enriched in PIP2-positive cell membrane domains. During mitosis, associated with the plasma membrane and present at the ingressing furrow during early cytokinesis as well as at the intercellular bridge later during cytokinesis. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



Western blot - Anti-RAB35 antibody (ab105762)

Anti-RAB35 antibody (ab105762) (0.2-1 µg/ml) + Human Liver

Predicted band size: 23 kDa

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

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