


Anti-RAB3GAP2 antibody ab110462

2 Images

Overview

Product name	Anti-RAB3GAP2 antibody
Description	Rabbit polyclonal to RAB3GAP2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human, African green monkey Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide derived from an internal region of Human RAB3GAP2 (UniProt ID: Q9H2M9).
Positive control	Human breast carcinoma tissue; extracts from COS 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 -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab110462 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab110462 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		1/500 - 1/1000. Detects a band of approximately 155 kDa (predicted molecular weight: 156 kDa).
IHC-P		1/50 - 1/100. Antigen retrieval is heat-mediated, citrate buffer pH 6.0. A pressure cooker was used for about 5 minutes.

Target

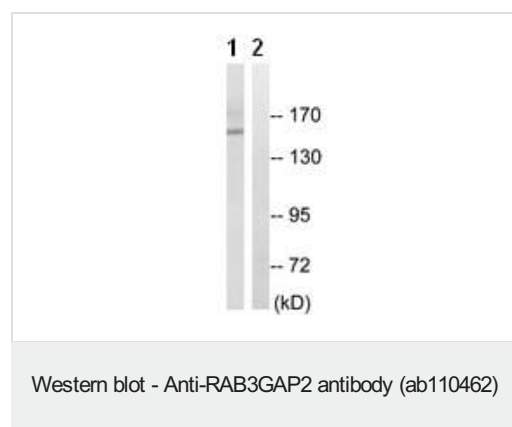
Relevance

RAB3GAP2 is a regulatory subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Rab3 GTPase-activating complex specifically converts active Rab3-GTP to the inactive form Rab3-GDP. It is required for normal eye and brain development and may participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.

Cellular localization

Cytoplasmic. Note: In neurons, it is enriched in the synaptic soluble fraction.

Images



All lanes : Anti-RAB3GAP2 antibody (ab110462) at 1/500 dilution

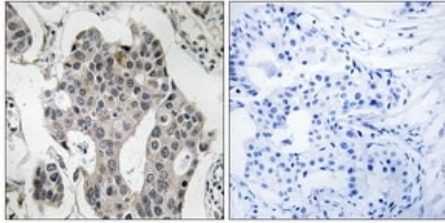
Lane 1 : Extracts from COS cells

Lane 2 : Extracts from COS cells, treated with the synthesized peptide

Lysates/proteins at 30 µg per lane.

Predicted band size: 156 kDa

Observed band size: 155 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAB3GAP2 antibody (ab110462)

ab110462, at a 1/50 dilution, staining RAB3GAP2 in paraffin embedded Human breast carcinoma tissue by Immunohistochemistry, in the absence (left image) or presence (right image) of the synthesized peptide.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors