

Product datasheet

Anti-Rab5 antibody - Drosophila Early Endosome Marker ab31261

★★★★★ [7 Abreviews](#) [62 References](#) [1 Image](#)

Overview

Product name	Anti-Rab5 antibody - Drosophila Early Endosome Marker
Description	Rabbit polyclonal to Rab5 - Drosophila Early Endosome Marker
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Drosophila melanogaster
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 200 to the C-terminus of Fruit fly (Drosophila melanogaster) Rab5. Read Abcam's proprietary immunogen policy (Peptide available as ab32489 .)

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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab31261 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	★★★★★ (2)	Use a concentration of 1 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).

Target

Function

Required for the fusion of plasma membranes and early endosomes.

Sequence similarities

Belongs to the small GTPase superfamily. Rab family.

Cellular localization

Cell membrane. Early endosome membrane. Melanosome. Enriched in stage I melanosomes.

Images



Western blot - Anti-Rab5 antibody - Drosophila Early Endosome Marker (ab31261)

Anti-Rab5 antibody - Drosophila Early Endosome Marker

(ab31261) at 1 µg/ml + Schneider L2 whole cell lysate ([ab14893](#)) at 10 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 26 kDa

Observed band size: 26 kDa

Additional bands at: 135 kDa, 145 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 2 minutes

ab31261 detects a strong 26 kDa band in Drosophila lysate consistent with expected molecular weight of Rab5. In some batches of this antibody, we have observed additional bands at ~135, 145 and 70 kDa, the identity of which are unknown.

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
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