# abcam

# 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

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**Isotype** IgG

## **Applications**

The Abpromise guarantee

Our <u>Abpromise guarantee</u> 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	**** <u>(2)</u>	Use a concentration of 1 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).

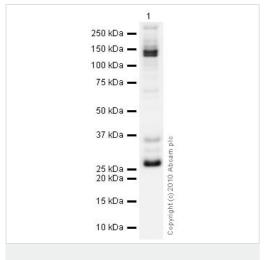
#### **Target**

**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  $\mu$ g/ml + Schneider L2 whole cell lysate (ab14893) at 10  $\mu$ g

#### **Secondary**

Goat polyclonal to Rabbit lgG - 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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- 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 <a href="https://www.abcam.com/abpromise">https://www.abcam.com/abpromise</a> or contact our technical team.

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