

Product datasheet

Recombinant Human RAB7B protein ab166249

1 Image

Description

Product name	Recombinant Human RAB7B protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MNPRKKVDLKLIVGAIGVGKTSLLHQYVHKTFYEEYQTTLG ASILSKII ILGD TTLKLQWDTGGQERFRSMVSTFYKGS DGCILAFDVT DLESFEALD WRGDV LAKVPMESYPMVLLGNKIDLADRKVPQEVAQG WCREKDIPYF EVS AKNDINVVQAFEMLASRALSRYQSILENHLTESIKLSP DQSR SRCC
Amino acids	1 to 199
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab166249** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid

Additional notes

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Controls vesicular trafficking from endosomes to the trans-Golgi network (TGN). Acts as a negative regulator of TLR9 signaling and can suppress TLR9-triggered TNFA, IL6, and IFNB production in macrophages by promoting TLR9 lysosomal degradation. Also negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. Promotes megakaryocytic differentiation by increasing NF-kappa-B-dependent IL6 production and subsequently enhancing the association of STAT3 with GATA1. Not involved in the regulation of the EGF- and EGFR degradation pathway.

Tissue specificity

Expressed in heart, placenta, lung, skeletal muscle and peripheral blood leukocyte.

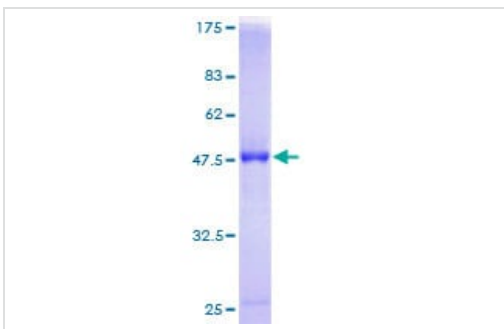
Sequence similarities

Belongs to the small GTPase superfamily. Rab family.

Cellular localization

Late endosome. Lysosome. Golgi apparatus > trans-Golgi network. Golgi apparatus.

Images



ab166249 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human RAB7B protein
(ab166249)

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

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