

Product datasheet

Anti-Rab4 antibody ab230301

3 Images

Overview

Product name	Anti-Rab4 antibody
Description	Rabbit polyclonal to Rab4
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human Rab4 (C terminal). Database link: P20338
Positive control	IHC-P: Human pancreas and liver tissues. WB: HeLa cell lysate.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	Whole antiserum.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab230301** in the following tested applications.

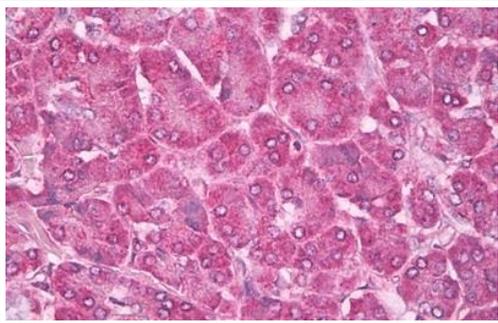
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/2000. Detects a band of approximately 26 kDa (predicted molecular weight: 24 kDa).
IHC-P		1/200. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

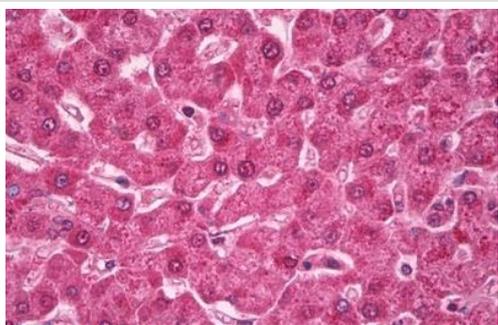
Function	Protein transport. Probably involved in vesicular traffic.
Sequence similarities	Belongs to the small GTPase superfamily. Rab family.
Post-translational modifications	Phosphorylated by CDK1 kinase during mitosis.
Cellular localization	Membrane. Cytoplasm. Generally associated with membranes. Cytoplasmic when phosphorylated by CDK1.

Images



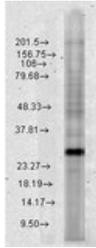
Formalin-fixed, paraffin-embedded human pancreas tissue stained for Rab4 using ab230301 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab4 antibody (ab230301)



Formalin-fixed, paraffin-embedded human liver tissue stained for Rab4 using ab230301 at 1/200 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rab4 antibody (ab230301)



Western blot - Anti-Rab4 antibody (ab230301)

Anti-Rab4 antibody (ab230301) at 1/1000 dilution + HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Predicted band size: 24 kDa

Observed band size: 26 kDa

[why is the actual band size different from the predicted?](#)

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

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