

Product datasheet

Human Rabenosyn 5 peptide ab45507

1 Image

Overview

**Product name** Human Rabenosyn 5 peptide

Description

**Nature** Synthetic

Amino Acid Sequence

**Species** Human

**Sequence** C-ELKHTLAKQKGGTD

**Amino acids** 771 to 784

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45507** in the following tested applications.

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

**Applications** Blocking - Blocking peptide for Anti-Rabenosyn 5 antibody ([ab21196](#))

**Form** Liquid

Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

General Info

**Function** Rab4/Rab5 effector protein acting in early endocytic membrane fusion and membrane trafficking of recycling endosomes. Required for endosome fusion either homotypically or with clathrin coated vesicles. Plays a role in the lysosomal trafficking of CTSD/cathepsin D from the Golgi to lysosomes. Also promotes the recycling of transferrin directly from early endosomes to the plasma membrane. Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate (PtdInsP3).

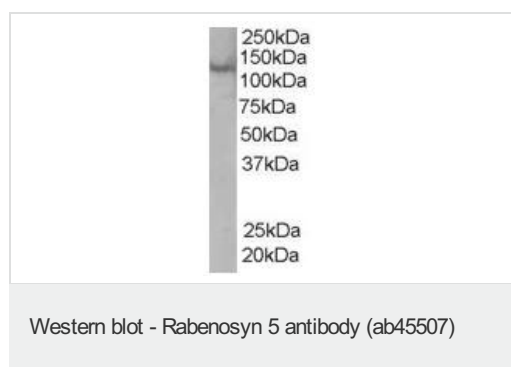
**Sequence similarities** Contains 1 C2H2-type zinc finger.  
Contains 1 FYVE-type zinc finger.

Contains 1 UIM (ubiquitin-interacting motif) repeat.

## Cellular localization

Cell membrane. Early endosome membrane.

## Images



Human Rabenosyn 5 peptide (ab45507) at  
0.3 µg/ml + A431 whole cell lysate (ab7909)

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