

Product datasheet

Rat Vesicle docking protein p115 peptide ab39822

Overview

Product name Rat Vesicle docking protein p115 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Rat

Sequence MNFLRGVMGGQSAGPQH

Amino acids 1 to 17

Specifications

Our [Abpromise guarantee](#) covers the use of **ab39822** in the following tested applications.

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

Applications Blocking
Neutralising

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

General Info

Function General vesicular transport factor required for intercisternal transport in the Golgi stack; it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor by interacting with the target membrane and holding the vesicular and target membranes in proximity.

Sequence similarities Belongs to the VDP/USO1/EDE1 family.
Contains 10 ARM repeats.

Domain Composed of a globular head, an elongated tail (coiled-coil) and a highly acidic C-terminal domain.

Post-translational modifications

Phosphorylated in a cell cycle-specific manner; phosphorylated in interphase but not in mitotic cells. Dephosphorylated protein associates with the Golgi membrane; phosphorylation promotes dissociation.

Cellular localization

Cytoplasm > cytosol. Golgi apparatus membrane. Recycles between the cytosol and the Golgi apparatus during interphase. During interphase, the phosphorylated form is found exclusively in cytosol; the unphosphorylated form is associated with Golgi apparatus membranes.

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