

Product datasheet

Anti-Vesicle docking protein p115 antibody ab40822

1 Image

Overview

Product name	Anti-Vesicle docking protein p115 antibody
Description	Goat polyclonal to Vesicle docking protein p115
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: C-DESEDPGKDLDH , corresponding to C terminal amino acids 950-961 of Human Vesicle docking protein p115 Run BLAST with Run BLAST with
Positive control	Human kidney lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris saline, pH 7.3
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab40822** in the following tested applications.

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

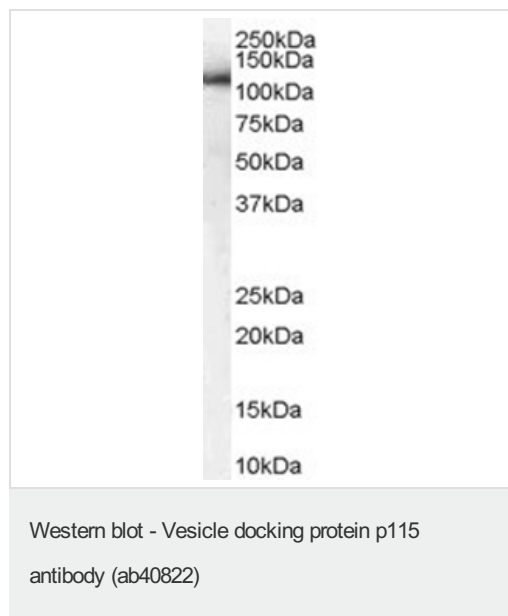
Application	Abreviews	Notes
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 110 kDa (predicted molecular weight: 108 kDa).

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Target

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.

Images



Anti-Vesicle docking protein p115 antibody (ab40822) at 1 µg/ml + Human kidney lysate - 35µg protein in RIPA buffer

Secondary

anti-goat-HRP at 1/3000 dilution

Predicted band size : 108 kDa

Observed band size : 110 kDa

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