

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
Host species	Goat
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	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
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.

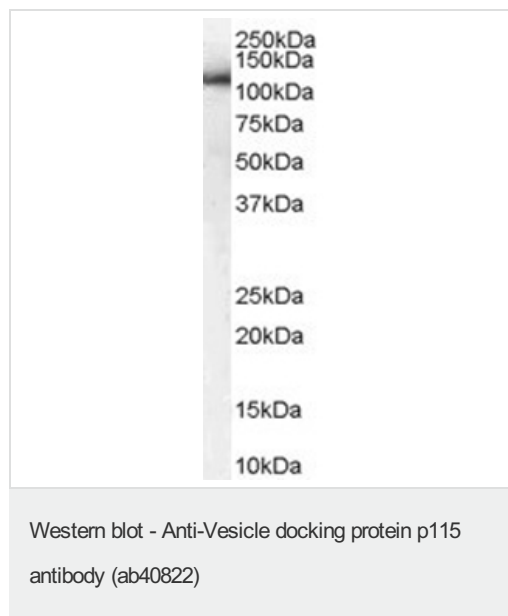
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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).

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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