

Product datasheet

Anti-Vesicle docking protein p115 antibody ab40822

1 Image

Overview

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

Properties

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

Applications

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

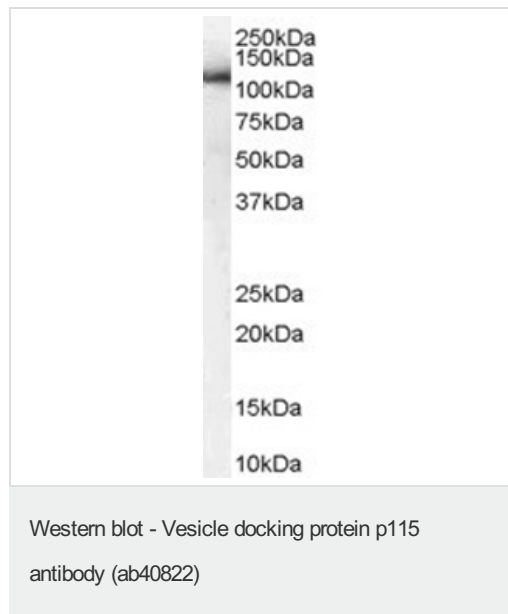
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the VDP/USO1/EDE1 family. Contains 10 ARM repeats.
<b>Domain</b>	Composed of a globular head, an elongated tail (coiled-coil) and a highly acidic C-terminal domain.
<b>Post-translational modifications</b>	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.
<b>Cellular localization</b>	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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