

Anti-Vesicle docking protein p115 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Pig, Cow, Horse, Sheep)
Molecular Weight:	Theoretical: 108 kDa. Actual: 140 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Vesicle docking protein p115) Polyclonal Antibody, Unconjugated (TMAB-14090) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.</p> <p>2. Sample: A431 (Human) Cell Lysate at 30 µg 293T (Human) Cell Lysate at 30 µg Primary: Anti-USO1 (TMAB-14090) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 108 kD Observed band size: 120 kD</p> <p>3. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Vesicle docking protein p115) Polyclonal Antibody, Unconjugated (TMAB-14090) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>4. Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-Vesicle docking protein p115 (TMAB-14090) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 108 kDa Observed band size: 140 kDa</p>
Application:	WB, IHC-P, IHC-Fr, IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Vesicle docking protein p115

Antigen Species: Human

Gene ID: 8615

Uniprot ID: O60763

Research Background

p115 (Vesicle docking protein p115) is a peripheral membrane protein that is located on the Golgi complex. p115 exists as a homodimer with two globular heads, an extended coiled-coil tail, followed by an acidic domain at the extreme C terminus. p115 is homologous to a yeast protein, Usa1p, which is required for ER to Golgi transport. p115 likely plays an important role in vesicle transportation from the ER to the cis-Golgi compartments.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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