bs-4258R **[Primary Antibody]**

Vesicle docking protein p115 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8615 **SWISS:** O60763

Target: Vesicle docking protein p115

Immunogen: KLH conjugated synthetic peptide derived from human Vesicle docking protein p115: 501-600/962.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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, Uso1p, which is required for ER to Golgi transport. p115 likely plays an important role in vesicle transportation from the ER to the cis-Golgi comparments.

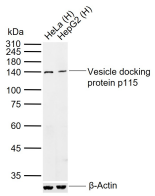
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Chicken, Horse)

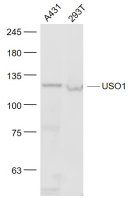
Predicted MW.: 108 kDa

Subcellular Location: Cell membrane ,Cytoplasm

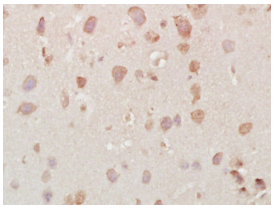
VALIDATION IMAGES



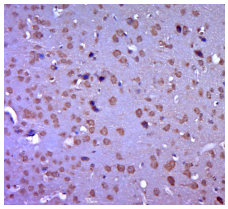
Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-Vesicle docking protein p115 (bs-4258R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 108 kDa Observed band size: 140 kDa



Sample: A431(Human) Cell Lysate at 30 ug 293T(Human) Cell Lysate at 30 ug Primary: Anti-USO1 (bs-4258R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 108 kD Observed band size: 120 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vesicle docking protein p115) Polyclonal Antibody, Unconjugated (bs-4258R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vesicle docking protein p115)

Polyclonal Antibody, Unconjugated (bs-4258R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.