bs-14665R **[Primary Antibody]**

EXOC8 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 149371 **SWISS:** Q8IYI6

Target: EXOC8

Immunogen: KLH conjugated synthetic peptide derived from human EXOC8: 311-410/725.

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: Exocytosis is crucial in membrane trafficking and it mediates hormone and neurotransmitter secretion out of the cell, as well as the incorporation of membrane proteins and lipids to the plasma membrane. It is crucial for cell-cell communication, cell growth and cell polarity. The exocyst complex is a multi-protein complex that consists of Sec3, Sec5, Sec6, Sec8, Sec10, Sec15, Exo70 and Exo84, and is essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. The exocyst complex inhibits tubulin polymerization in vitro, suggesting that the exocyst complex is important for modulating the microtubule dynamics that underlie exocytosis. Exo84 (Exocyst complex 84 kDa subunit), also known as Exocyst complex component 8, is a 725 amino acid protein that is one of eight protein subunits composing the mammalian exocyst complex. Both Exo84 and Sec5 are effector targets for active Ral GTPases, which are responsible for regulating exocyst complex activities.

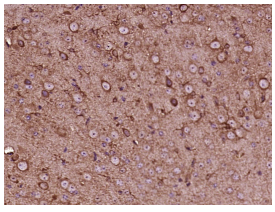
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

Predicted MW.: 82 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



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 (EXOC8) Polyclonal Antibody, Unconjugated (bs-14665R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.