

**OSBP2 polyclonal antibody**

Catalog: BS33694

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Oxysterol-binding protein 2: Mediates the bidirectional lipid exchange between intracellular compartments and the plasma membrane, delivering cholesterol to the plasma membrane while transferring PI(4,5)P(2) to internal organelles, thereby modulating membrane lipid composition and associated signaling pathways. Binds 7-ketocholesterol. Acts during spermatid development where its function is required prior to the removal of cytoplasm from the sperm head (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~101 kDa

Swiss-Prot:

Q969R2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of OSBP2 protein

DATA:

Western blot analysis of Tyrosine Hydroxylase expression in HEK293T (A), Hela (B), SP20 (C), PC12 (D) whole cell lysates.

Immunohistochemical analysis of Tyrosine Hydroxylase staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Tyrosine Hydroxylase staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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