



SYNJ2 polyclonal antibody

Catalog: BS32226

Host: Rabbit

Reactivity: Human

BackGround:

Polyphosphatidylinositol phosphatase SYNJ2: Phosphatase that hydrolyzes phosphate groups from the inositol ring of phosphoinositides and inositol phosphates, in a domain-specific manner. The 5-PPase domain catalyzes removal of the 5-phosphate from substrates such as phosphatidylinositol-4,5-bisphosphate (PtdIns(4,5)P₂), phosphatidylinositol-3,4,5-trisphosphate (PtdIns(3,4,5)P₃), inositol-1,4,5-trisphosphate (Ins(1,4,5)P₃) and inositol-1,3,4,5-tetrakisphosphate (Ins(1,3,4,5)P₄). The SAC domain hydrolyzes phosphates at the 3- and 4-positions of the inositol ring, targeting phosphatidylinositol-3-phosphate (PI(3)P), phosphatidylinositol-4-phosphate (PI(4)P), and phosphatidylinositol-3,5-bisphosphate (PI(3,5)P₂) (By similarity). Plays a role in the phosphatidylinositol metabolic process during the early stage of clathrin-coated-pit formation. During EGF activation, plays a role in receptor-mediated endocytosis (RME) by convertin...

Product:

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

Molecular Weight:

~166 kDa

Swiss-Prot:

O15056

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 SYNJ2 protein.

DATA:



Western blot analysis of CD284 expression in Jurkat (A), mouse skeletal muscle (B), rat lung (C) whole cell lysates.

Immunofluorescent analysis of CD284 staining in Hela 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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