

**BECN1P1 polyclonal antibody**

Catalog: BS33192

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Beclin-2: Involved in 2 distinct lysosomal degradation pathways: acts as a regulator of autophagy and as a regulator of G protein-coupled receptors turnover. Regulates degradation in lysosomes of a variety of G protein-coupled receptors via its interaction with GPRASP1/GASP1

Product:

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

Molecular Weight:

~48.2 kDa

Swiss-Prot:

A8MW95

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 BECN1P1 protein

DATA:

Western blot analysis of MYH7B expression in mouse liver (A) whole cell lysates.

Immunohistochemical analysis of MYH7B staining in rat liver 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. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

Immunofluorescent analysis of MYH7B staining in COS7 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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