

**BROX polyclonal antibody**

Catalog: BS34988

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

BRO1 domain-containing protein BROX: Nuclear envelope-associated factor that is involved in the nuclear envelope ruptures during interphase (NERDI) repair, where it is locally recruited by CHMP5 and reduces cytoskeletal stress through its action on SYN2 to help reseal the ruptured membrane

Product:

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

Molecular Weight:

~46.5 kDa

Swiss-Prot:

Q5VW32

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 BROX protein

DATA:

Western blot analysis of SEC24D expression in A375 (A), mouse liver (B) whole cell lysates.

Immunofluorescent analysis of SEC24D staining in L929 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. DAPI was used to stain the cell nuclei (blue).

Note:

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

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