

SAR1B polyclonal antibody

Catalog: BS61634

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

There are a number of components involved in the secretory pathway of cells. Vesicular traffic within the early secretory pathway is mediated by COPI- and COPII-coated vesicles. The COPII vesicle coat protein promotes the formation of endoplasmic reticulum (ER) derived transport vesicles that carry secretory proteins to the Golgi complex. The SAR1 gene encodes two isoforms, Sar1a and Sar1B, in mammalian cells. These proteins are low-molecular-weight GTPases, which are essential for the formation of transport vesicles from the ER. Mutations in the SAR1 gene result in Anderson's disease (and/or chylomicron retention disease CMRD), a rare, autosomal recessive lipid malabsorption disorder characterized by chronic diarrhea, failure to thrive and hypocholesterolemia in childhood.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

Q9Y6B6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

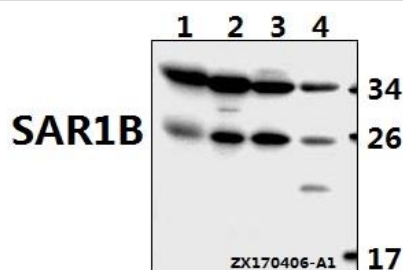
Storage&Stability:

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

Specificity:

SAR1B polyclonal antibody detects endogenous levels of SAR1B protein.

DATA:



Western blot (WB) analysis of SAR1B polyclonal antibody at 1:500 dilution

Lane1: The Brain tissue lysate of Mouse(40ug)

Lane2: The Brain tissue lysate of Rat(40ug)

Lane3: HepG2 whole cell lysate(40ug)

Lane4: HCT116 whole cell lysate(40ug)

Note:

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

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