

Sar1B Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP08130

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human SAR1B. AA range:111-160

Mol wt 22410

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Sar1B Antibody

Synonyms SAR1B; SARA2; SARB; GTP-binding protein SAR1b; GTP-binding protein B; GTBPB

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

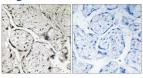
The protein encoded by SAR1B (secretion associated Ras related GTPase 1B) is a small GTPase that acts as a homodimer. The encoded protein is activated by the guanine nucleotide exchange factor PREB and is involved in protein transport from the endoplasmic reticulum to the Golgi. This protein is part of the COPII coat complex. Defects in SAR1B are a cause of chylomicron retention disease (CMRD), also known as Anderson disease (ANDD). Two transcript variants encoding the same protein have been found for this gene.

Recommended Dilution

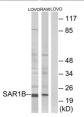
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using SAR1B Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO and RAW264.7 cells, using SAR1B Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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