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SNAPIN

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:15kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SNAPIN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BLOS7; BORCS3; SNAPAP; BLOC1S7;

Catalog #:A10294

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:23557

Isotype: IgG

Swiss Prot:O95295

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a coiled-coil-forming protein that associates with the SNARE (soluble N-ethylmaleimide-sensitive fusion protein attachment protein receptor) complex of proteins and the BLOC-1 (biogenesis of lysosome-related organelles) complex. Biochemical studies have identified additional binding partners. As part of the SNARE complex, it is required for vesicle docking and fusion and regulates neurotransmitter release. The BLOC-1 complex is required for the biogenesis of specialized organelles such as melanosomes and platelet dense granules. Mutations in gene products that form the BLOC-1 complex have been identified in mouse strains that are models of Hermansky-Pudlak syndrome. Alternative splicing results in multiple transcript variants.

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