

## 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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