

anti- SNAPIN antibody

Product Information

Catalog No.:	FNab08060
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles(LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking and synaptic vesicle recycling. May modulate a step between vesicle priming, fusion and calcium-dependent neurotransmitter release through its ability to potentiate the interaction of synaptotagmin with the SNAREs and the plasma-membrane-associated protein SNAP25. Its phosphorylation state influences exocytotic protein interactions and may regulate synaptic vesicle exocytosis. May also have a role in the mechanisms of SNARE-mediated membrane fusion in non-neuronal cells(PubMed:17182842, PubMed:18167355). As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor(PubMed:25898167).

Immunogen information

Immunogen: SNAP-associated protein

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Synonyms: BLOC1S7, SNAP25BP, SNAPAP
Observed MW: 15-18 kDa
UniprotID : O95295

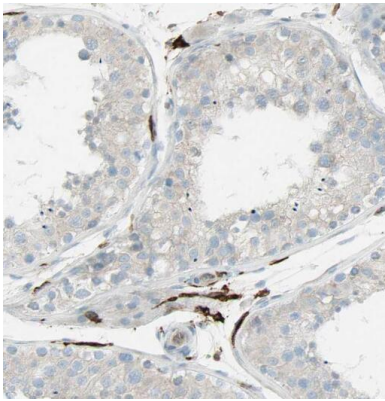
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IF, WB, IHC, FC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



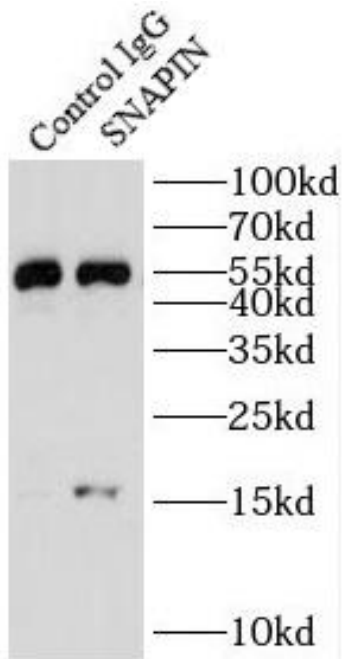
Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab08060(SNAPIN Antibody) at dilution of 1:200

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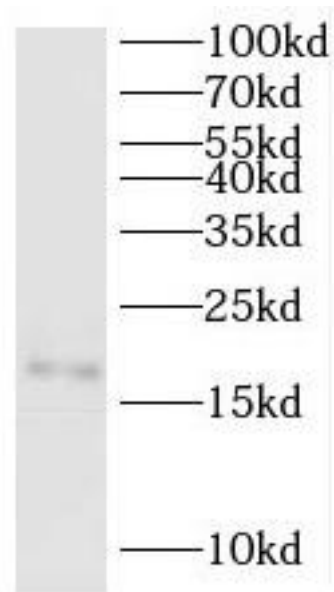
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IP Result of anti-SNAPIN (IP:FNab08060, 5ug;
Detection:FNab08060 1:300) with mouse brain
tissue lysate 4000ug.



rat brain tissue were subjected to SDS PAGE
followed by western blot with
FNab08060(SNAPIN Antibody) at dilution of
1:200