



SNAPN mouse mAb

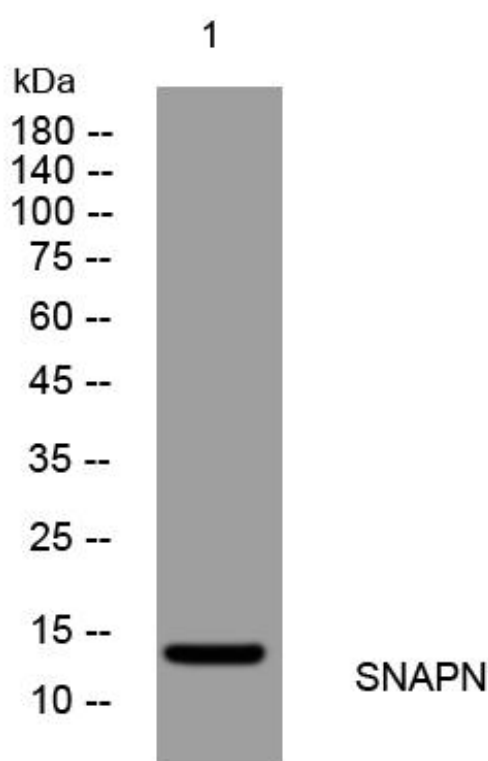
Catalog No	BYmab-08367
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SNAPIN SNAP25BP SNAPAP
Protein Name	SNAPN
Immunogen	Synthesized peptide derived from human SNAPN AA range: 9-59
Specificity	This antibody detects endogenous levels of SNAPN at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytosol . Cytoplasm, perinuclear region . Golgi apparatus membrane . Lysosome membrane . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane . Colocalizes with NANOS1 and PUM2 in the perinuclear region of germ cells. .
Tissue Specificity	Expressed in male germ cells of adult testis (at protein level).
Function	function:May modulate a step between vesicle priming, fusion and calcium-dependent neurotransmitter release by potentiating the interaction of synaptotagmins 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.,PTM:Phosphorylated.,subcellular location:May be cytoplasmic and peripheral membrane bound or anchored to the vesicular membrane through an N-terminal signal anchor.,subunit:Associates with the SNARE complex. Interacts with SNAP23, SNAP25 and STX4A but not with STX1A, VAMP2 and SYT1.

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	Phosphorylation increases its interaction with SNAP25 (By similarity). Interacts with RGS7. Component of the biogenesis of lysosome-related organelles (BLOC-1) complex which is req
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. [provided by RefSeq, Jun 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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