

# SNAP25 Rabbit mAb

Catalog # AP76897

## Product Information

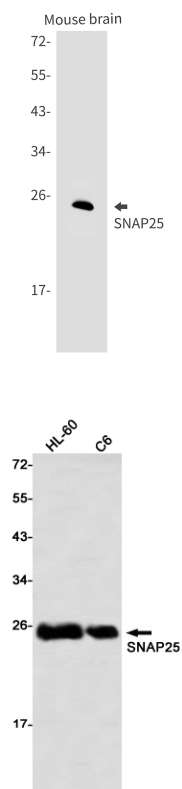
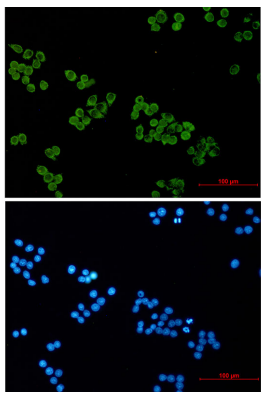
Application	WB, IP, ICC
Primary Accession	<a href="#">P60880</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	23315

## Additional Information

Gene ID	6616
Other Names	SNAP25
Dilution	WB~~1/500-1/1000 IP~~1/20 ICC~~N/A
Format	Liquid

## Protein Information

Name	SNAP25
Synonyms	SNAP
Function	t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF. Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1 in pancreatic beta cells.
Cellular Location	Cytoplasm, perinuclear region {ECO:0000250 UniProtKB:P60879}. Cell membrane {ECO:0000250 UniProtKB:P60881}; Lipid-anchor {ECO:0000250 UniProtKB:P60879}. Synapse, synaptosome {ECO:0000250 UniProtKB:P60879}. Photoreceptor inner segment {ECO:0000250 UniProtKB:P60879}. Note=Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region. Colocalizes with KCNB1 at the cell membrane (By similarity). Colocalizes with PLCL1 at the cell membrane (By similarity). {ECO:0000250 UniProtKB:P60879, ECO:0000250 UniProtKB:P60881}
Tissue Location	Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum



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