

## SNAP25 Rabbit Polyclonal Antibody

### Catalog #: EAB22271

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG2b	Monoclonal	WB, IP, IHC-P, IF/ICC	65	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>WB</b> (Western Blotting)	1:2000-10000
<b>IP</b> (Immunoprecipitation)	1:100-500
<b>IHC-P</b> (Immunohistochemistry-Paraffin)	1:200-1000
<b>IF/ICC</b> (Immunofluorescence/Immunocytochemistry)	1:100-500

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	SNAP25 Mouse Monoclonal Antibody detects endogenous levels of SNAP25 protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
<b>UniProt ID</b>	<a href="#">P60880</a>
<b>Entrez-Gene ID</b>	<a href="#">6616</a>

### Product Description

Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene.

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