

## SNAP25 Rabbit mAb

Catalog No: #59465

Package Size: #59465-1 50ul #59465-2 100ul

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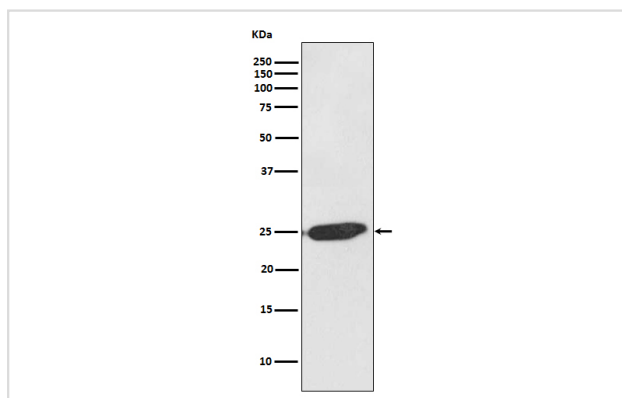
## Description

Product Name	SNAP25 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	SNAP25 Antibody detects endogenous levels of total SNAP25
Immunogen Description	A synthesized peptide derived from human SNAP25
Other Names	Synaptosomal-associated protein 25; SNAP-25; Super protein; SUP; Synaptosomal-associated 25 kDa protein; SNAP25; SNAP;
Accession No.	Uniprot:P60880
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50

## Images



Western blot analysis of SNAP25 expression in SH-SY5Y cell lysate.

## Product Description

SNAP25 forms a core complex with the SNARE proteins syntaxin and synaptobrevin to mediate synaptic vesicle fusion with the plasma membrane during Ca<sup>2+</sup>-dependent exocytosis. This complex is responsible for exocytosis of the neurotransmitter  $\gamma$ -aminobutyric acid (GABA). Neurotransmitter release is inhibited by proteolysis of SNAP25 by botulinum toxins A and E. SNAP25 plays a secondary role as a Q-SNARE involved in endosome fusion; the protein is associated with genetic susceptibility to attention-deficit hyperactivity disorder (ADHD).

## Background

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Note: This product is for in vitro research use only