

## SNAP25 monoclonal antibody

Catalog: MB11614

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

SNAP25 forms a core complex with the SNARE proteins syntaxin and synaptobrevin to mediate synaptic vesicle fusion with the plasma membrane during  $Ca^{2+}$ -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).

### Product:

50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 23 kDa; Observed MW: 23 kDa

### Swiss-Prot:

P60880

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000

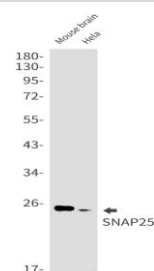
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of SNAP25 in mouse brain, Hela lysates using SNAP25 antibody.

Western blot analysis of SNAP25 in rat Brain lysates using SNAP25 antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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