

SNAP25 Ab

[Images\(1\)](#)

Cat.#: DF6168	Concn.: ~1mg/ml	Mol.Wt.: 25kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

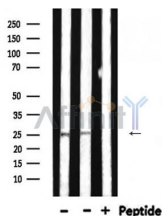
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human SNAP25, corresponding to a region within C-terminal amino acids.

Uniprot: P60880

Description: The 25 kDa synaptosome-associated protein (SNAP25) is a target membrane soluble, N-ethylmaleimide-sensitive factor attachment protein receptor (t-SNARE) that is found on neuronal presynaptic membranes. SNAP25 forms a core complex with the SNARE proteins syntaxin and synaptobrevin to mediate synaptic vesicle fusion with the plasma membrane during Ca²⁺-dependent exocytosis. This complex is responsible for exocytosis of the neurotransmitter γ-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).



Western blot analysis of extracts from various samples, using SNAP25 Ab.

Lane 1: Rat brain lysates;

Lane 2: Mouse brain lysates;

Lane 3: Mouse brain lysates treated with blocking peptide;

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

procedures. Not for resale without express authorization.