Product Datasheet

SNAP25 Antibody

Catalog No: #33487

Package Size: #33487-1 50ul #33487-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

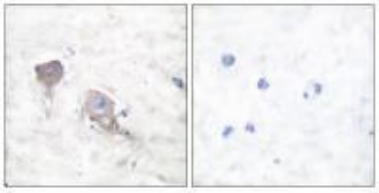
Product Name	SNAP25 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SNAP25 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human SNAP25.
Target Name	SNAP25
Other Names	SN25; SNAP; SNP25; SUP; Super protein
Accession No.	Swiss-Prot: P60880NCBI Gene ID: 6616
Uniprot	P60880
GeneID	6616;
SDS-PAGE MW	25kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

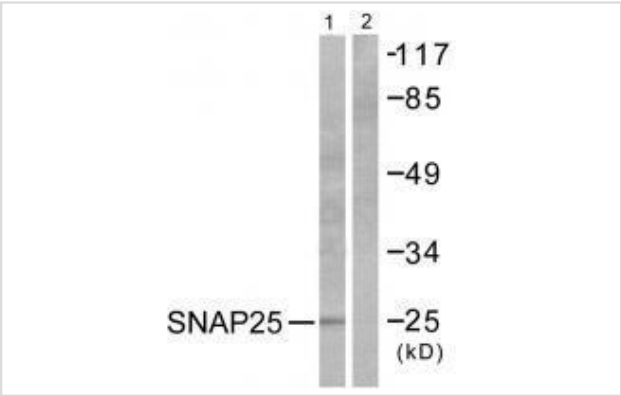
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

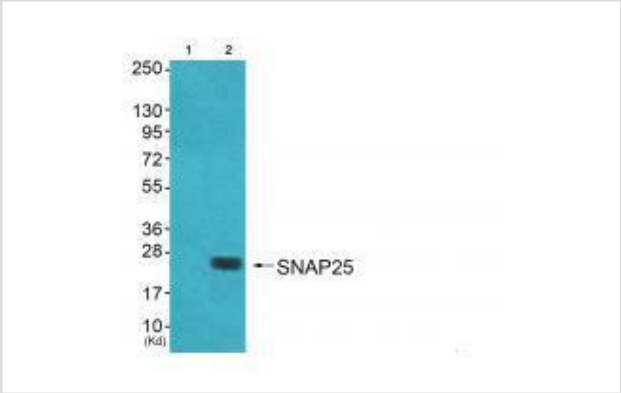
Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using SNAP25 antibody #33487.



Western blot analysis of extracts from RAW264.7 cells, treated with EGF (200ng/ml, 30mins), using SNAP25 antibody #33487.



Western blot analysis of extracts from A549 cells (Lane 2), cells (Lane 3) and cells (Lane 4), using SNAP25 antiobdy #33487. The lane on the left is treated with systhesized peptide.

Background

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.

Yoshikatsu Aikawa, Mol. Biol. Cell, Feb 2006; 17: 711 - 722.

Noriko Takahashi, J. Cell Biol., Apr 2004; 165: 255 - 262.

Roy R. L. Gerona, J. Biol. Chem., Feb 2000; 275: 6328.

Yoshikatsu Aikawa, Mol. Biol. Cell, May 2006; 17: 2113 - 2124.

Note: This product is for in vitro research use only