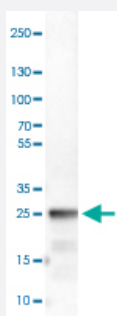


SNAP25 polyclonal antibody

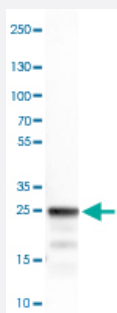
Catalog # PAB30613 Size 100 uL

Applications



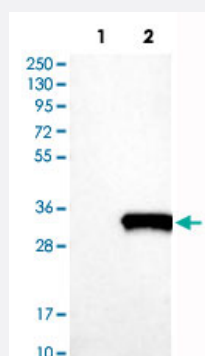
Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with SNAP25 polyclonal antibody (Cat # PAB30613).



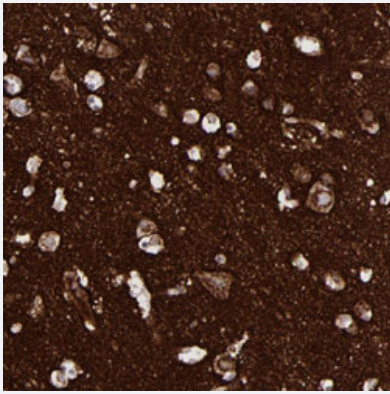
Western Blot (Tissue lysate)

Western Blot analysis of mouse cerebral cortex tissue lysate with SNAP25 polyclonal antibody (Cat # PAB30613).



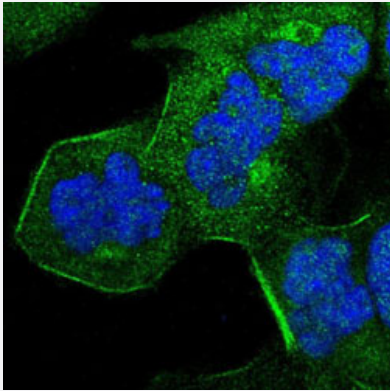
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with SNAP25 polyclonal antibody (Cat # PAB30613).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with SNAP25 polyclonal antibody (Cat # PAB30613) shows strong cytoplasmic positivity in neuronal and glial cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with SNAP25 polyclonal antibody (Cat # PAB30613) (Green) shows positivity in cytoplasm, the Golgi apparatus and actin filaments.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human SNAP25.
Immunogen	Recombinant protein corresponding to human SNAP25.
Sequence	SSDAYKKA WGNNQDGVVASQPARVVDEREQMAISGGFIRRVTDARENEMDENLEQVSGIIGNLRHMA LDMGNEIDTQNRQIDRIMEKADSNKTRIDEANQRATKMLGSG
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with SNAP25 polyclonal antibody (Cat # PAB30613).

- Western Blot (Tissue lysate)

Western Blot analysis of mouse cerebral cortex tissue lysate with SNAP25 polyclonal antibody (Cat # PAB30613).

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with SNAP25 polyclonal antibody (Cat # PAB30613).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with SNAP25 polyclonal antibody (Cat # PAB30613) shows strong cytoplasmic positivity in neuronal and glial cells.

- Immunofluorescence

Immunofluorescent staining of A-431 cells with SNAP25 polyclonal antibody (Cat # PAB30613) (Green) shows positivity in cytoplasm, the Golgi apparatus and actin filaments.

Gene Info — SNAP25

Entrez GeneID[6616](#)**Protein Accession#**[P60880](#)**Gene Name**

SNAP25

Gene Alias

FLJ23079, RIC-4, RIC4, SEC9, SNAP, SNAP-25, bA416N4.2, dJ1068F16.2

Gene Description

synaptosomal-associated protein, 25kDa

Omim ID[600322](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000030267|OTTHUMP00000030268|resistance to inhibitors of cholinesterase 4 homolog|synaptosomal-associated protein 25

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Alzheimer disease](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Memory](#)

- [Mental Disorders](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)
- [Osteoporosis](#)
- [Personality Assessment](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Reaction Time](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Verbal Learning](#)
- [Weight Gain](#)