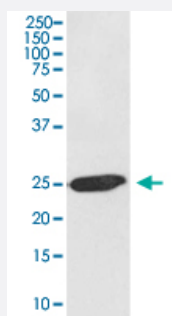


SNAP25 monoclonal antibody, clone ABHE-19

Catalog # MAB20724 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of SH-SY5Y cell lysate with SNAP25 monoclonal antibody, clone ABHE-19 (Cat # MAB20724).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human SNAP25.

Immunogen A synthetic peptide corresponding to human SNAP25.

Host Rabbit

Theoretical MW (kDa) 23.315

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western Blot analysis of SH-SY5Y cell lysate with SNAP25 monoclonal antibody, clone ABHE-19 (Cat # MAB20724).

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

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](#)