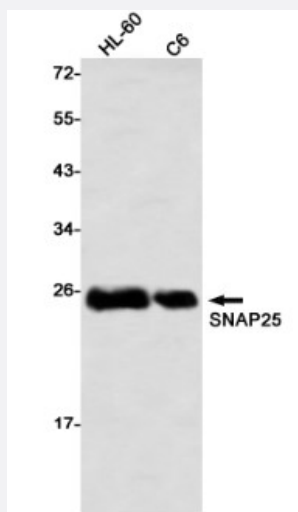


RecomAb™

SNAP25 recombinant monoclonal antibody, clone R07-1D7

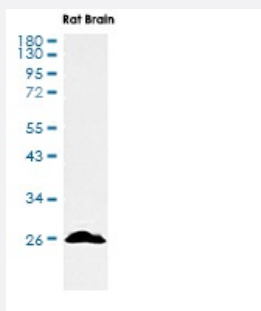
Catalog # RAB01358 Size 100 uL

Applications



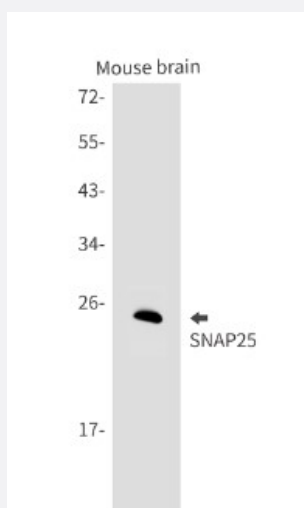
Western Blot

Western Blot analysis of HL-60, C6 lysates with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).



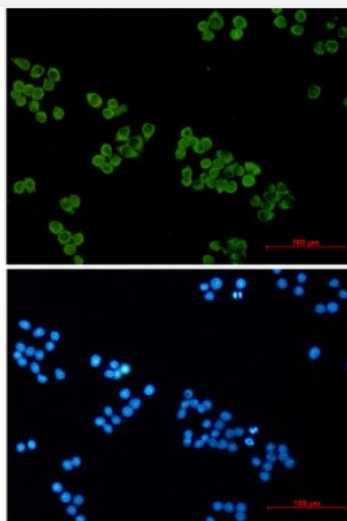
Western Blot

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



Western Blot

Western Blot analysis of mouse brain with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).



Immunocytochemistry

Immunocytochemistry staining of HeLa cells with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SNAP25.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human SNAP25.
Theoretical MW (kDa)	Calculated MW: 23 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and 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

Western Blot analysis of HL-60, C6 lysates with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).

- Western Blot

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

- Western Blot

Western Blot analysis of mouse brain with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).

- Immunocytochemistry

Immunocytochemistry staining of HeLa cells with SNAP25 recombinant monoclonal antibody, clone R07-1D7 (Cat # RAB01358).

- 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](#)