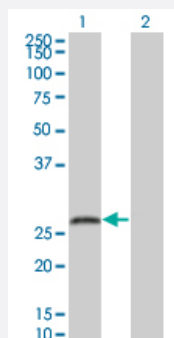


SNAP25 monoclonal antibody (M01), clone 4A3

Catalog # H00006616-M01

Size 100 ug

Applications

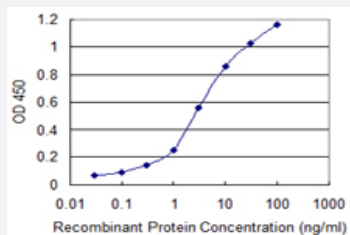


Western Blot (Transfected lysate)

Western Blot analysis of SNAP25 expression in transfected 293T cell line by SNAP25 monoclonal antibody (M01), clone 4A3.

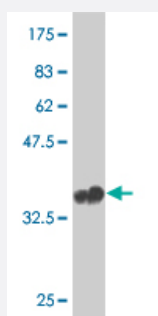
Lane 1: SNAP25 transfected lysate(23.315 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNAP25 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SNAP25.

Immunogen	SNAP25 (AAH10647, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RMLQLVEESKDGIRTLVMLDEQGEQLDRVVEEGMNHINQDMKEAEKNLKD LGKCCGLFICPCNK LKSSDAYKKA WGNNQDGVVASQPARVVDEREQMAIS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SNAP25 expression in transfected 293T cell line by SNAP25 monoclonal antibody (M01), clone 4A3.

Lane 1: SNAP25 transfected lysate(23.315 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNAP25 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SNAP25

Entrez GeneID [6616](#)

GeneBank Accession# [BC010647](#)

Protein Accession#	AAH10647
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](#)