

Product datasheet for TA700590

SNAP25 Biotinylated Mouse Monoclonal Detection Antibody (Biotin conjugated) [Clone ID: OTIIE6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIIE6
Applications:	ELISA
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length recombinant protein
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Predicted Protein Size:	23.2 kDa
Gene Name:	synaptosome associated protein 25
Database Link:	NP_003072 Entrez Gene 20614 Mouse Entrez Gene 25012 Rat Entrez Gene 6616 Human P60880



Background: 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.

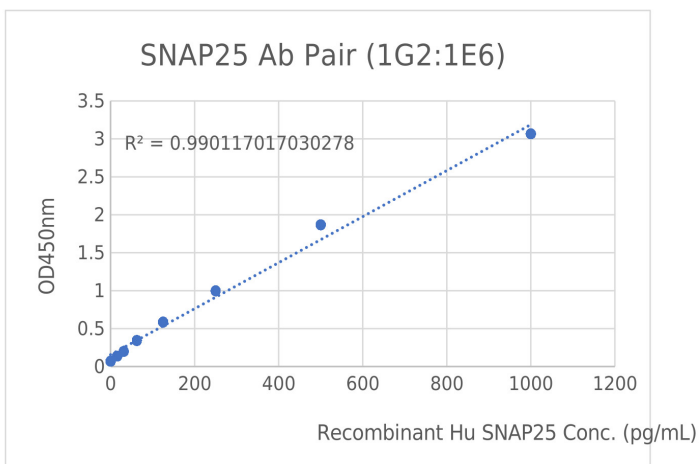
Synonyms: bA416N4.2; CMS18; dJ1068F16.2; RIC-4; RIC4; SEC9; SNAP; SNAP-25; SUP

Matched ELISA Pair: TA600590

Protein Families: Druggable Genome

Protein Pathways: SNARE interactions in vesicular transport

Product images:



SNAP25 ELISA with 1G2 Capture ([TA600590]) and 1E6 Detection (TA700590) Antibodies. Target protein used: Human SNAP25 (HEK293T cells expressed protein Cat# [TP302068])