

Product datasheet for **AM05336PU-N**

SNAP25 Mouse Monoclonal Antibody [Clone ID: S-7B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S-7B8
Applications:	IHC, WB
Recommended Dilution:	Western blot (1-5 µg/ml). Immunohistochemistry on Paraformaldehyde fixed CNS tissues (1-5 µg/ml). Does not stain reduced proteins. <i>Positive Control:</i> Cerebellum.
Reactivity:	Bovine, Chicken, Human, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with rat brain synaptosomal membranes and mouse NS1 cells.
Formulation:	PBS containing 0.08% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	synaptosome associated protein 25kDa
Database Link:	Entrez Gene 6616 Human P60880



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Background:

SNAP25 (Synaptosome-Associated Protein of 25 kDa) is a membrane bound, pre-synaptic nerve terminal protein that plays an essential role in synaptic vesicle fusion and exocytosis. It is involved in the molecular regulation of neurotransmitter release. It is thought to play an important role in the synaptic function of specific neuronal systems. SNAP25 associates with proteins involved in vesicle docking and membrane fusion. SNAP25 exists as two alternatively spliced isoforms, SNAP25A and SNAP25B. These isoforms are differentially expressed in neurons and neuroendocrine cells. These two isoforms differ by 9 amino acids in the central portion of the protein.

Synonyms:

SNAP-25, SUP, SNAP, Super Protein, RIC4, ric-4