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SNAP Recombinant Mouse mAb

Catalog # AP96454

Product Information

Application	WB
Predicted	Rat, Human, Mouse
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG2B/lambda
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SNAP family.
SUBUNIT	Interacts with PRKCABP, and disrupts the interaction between GRIA2 and PRKCABP, leading to the internalization of GRIA2. Found in a complex with VAMP8 (By similarity). Component of a SNARE-like complex that contains at least ZW10, USE1L, RINT1, STX18 and NAPA/SNAP-alpha. Interacts with VTI1A. Interacts with STX12 (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Syntaxins were originally thought to be docking proteins, but have more recently been categorized as anchoring proteins that anchor themselves to the cytoplasmic surfaces of cellular membranes. Syntaxins have been shown to bind to various proteins involved in exocytosis, including VAMPs (vesicle-associated membrane proteins), NSF (N-ethylmaleimide-sensitive factor), SNAP 25 (synaptosomal-associated protein of 25kDa), SNAPs (soluble NSF attachment proteins) and synaptotagmin. VAMPs (also designated synaptobrevins), including VAMP-1 and VAMP-2, and synaptotagmin, a protein that may function as an inhibitor of exocytosis, are vesicular proteins.

Additional Information

Other Names	SNAPA; 1500039N14Rik; RA81; SNAP-alpha; SNARE; a-SNAP; hyh; alpha-SNAP; SNAA_BOVIN; NAPA; N-ethylmaleimide-sensitive factor attachment protein alpha; SNAA_HUMAN; SNAA_MOUSE; SNAA_RAT; Snap; NSF attachment protein alpha; N-ethylmaleimide-sensitive factor attachment protein, alpha; alpha SNAP; alpha soluble NSF attachment protein
Dilution	WB=1:500-1000,ICC/IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	SNAP Recombinant Mouse mAb
Function	Required for vesicular transport between the endoplasmic reticulum and the

Golgi apparatus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.