

ARG63747 anti-SNAP25 antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SNAP25
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms NP_003072 and NP_570824.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SNAP25
Species	Human
Immunogen	C-DEANQRATKMLGSG
Conjugation	Un-conjugated
Alternate Names	Super protein; Synaptosomal-associated 25 kDa protein; bA416N4.2; RIC4; SUP; dJ1068F16.2; SNAP; RIC-4; CMS18; SEC9; SNAP-25; Synaptosomal-associated protein 25

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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. [provided by RefSeq, Jul 2008]

Highlight

Related products:

[SNAP25 antibodies](#); [Anti-Goat IgG secondary antibodies](#);

Related news:

[Neuronal Development Marker](#)

Research Area

Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

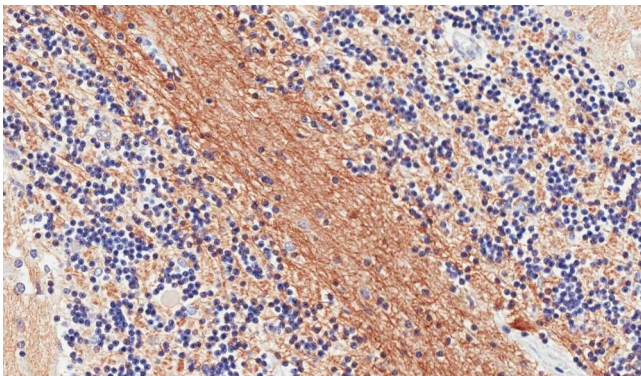
Calculated Mw

23 kDa

PTM

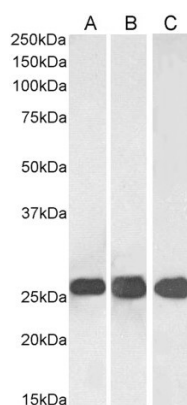
Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association (By similarity).

Images



ARG63747 anti-SNAP25 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebellum tissue. Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63747 anti-SNAP25 antibody at 1 µg/ml dilution followed by HRP-staining.



ARG63747 anti-SNAP25 antibody WB image

Western blot: 35 µg of Human Cerebellum (A), Mouse brain (B) and Rat brain (C) lysates (in RIPA buffer) stained with ARG63747 anti-SNAP25 antibody at 0.03 µg/ml (A, B) and 0.05 µg/ml (C) dilutions and incubated at RT for 1 hour.