

Datasheet for ABIN185392

anti-SNAP25 antibody (C-Term)

5 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	SNAP25
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SNAP25
Immunogen:	Peptide with sequence C-DEANQRATKMLGSG, from the C Terminus of the protein sequence according to NP_003072.2, NP_570824.1.
Sequence:	DEANQRATKM LGSG
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms NP_003072.2 (SNAP25A) and NP_570824.1 (SNAP25B). Reported variants represent identical protein: NP_001309831.1, NP_003072.2 Reported variants represent identical protein: NP_001309834.1, NP_001
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: SNAP25

Alternative Name: SNAP25 ([SNAP25 Products](#))

Background: SNAP25, synaptosomal-associated protein, 25 kDa , HGNC:11132, FLJ23079, SNAP, SNAP-25, bA416N4.2, dJ1068F16.2 , synaptosomal-associated protein 25, RIC-4, RIC4, SEC9, resistance to inhibitors of cholinesterase 4 homolog, synaptosomal-associated protein 25

Gene ID: 6616, 20614, 25012

NCBI Accession: [NP_003072](#), [NP_570824](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Western Blot: Approx 26 kDa band observed in Human Brain (Cerebellum) ,Mouse and Rat Brain lysates (calculated MW of 23 kDa and of 23.3 kDa according to NP_003072.2, NP_570824.1).
Recommended concentration: 0.005-0.01 µg/mL. Primary incubation was 1 hour.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

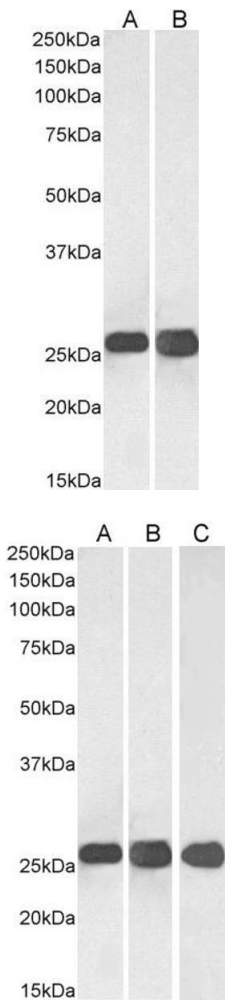
Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Kawakami, Ohmoto, Itoh, Yuasa, Inagaki, Nishimura, Ito, Misaka: "Accumulation of SNAP25 in mouse gustatory and somatosensory cortices in response to food and chemical stimulation." in: Neuroscience , Vol. 218, pp. 326-34, (2012) (PubMed).
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Images

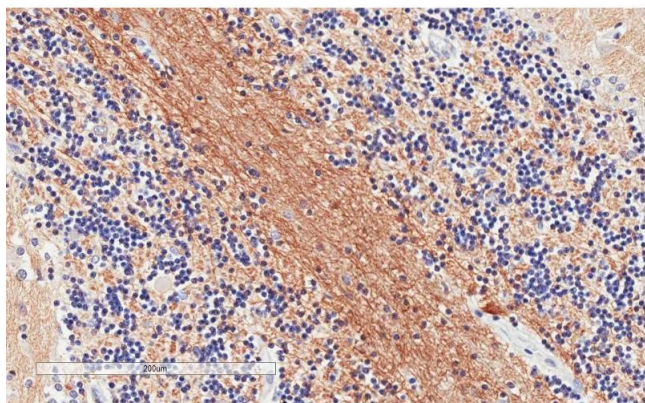


Western Blotting

Image 1. ABIN185392 (0.03µg/ml) staining of Human Brain (Cerebellum) (A) and Mouse Brain (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 2. ABIN185392 (0.03µg/ml) staining of Human Cerebellum (A), Mouse (B) and (0.05ug/ml) Rat Brain (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN185392 (1µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer Ph 6, HRP-staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185392.