

Datasheet for ABIN6658261
anti-SNAP25 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	SNAP25
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SNAP25 Antibody
Immunogen:	Anti-SNAP25 Antibody was produced by repeated immunizations with synthetic peptide corresponding to amino acid residues from the C-terminal region of SNAP25 protein.
Isotype:	IgG
Cross-Reactivity (Details):	SNAP25 antibody is affinity purified from monospecific antiserum by immunoaffinity purification.
Purification:	Anti-SNAP25 antibody is directed against rat SNAP25.

Target Details

Target:	SNAP25
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Target Details

Alternative Name:	SNAP25 (SNAP25 Products)
Background:	Synonyms: Synaptosomal-associated protein 25, Super protein, SUP, Synaptosomal-associated 25 kDa protein Background: SNAP25 antibody detects synaptosomal associated protein of 25 kDa, which is a presynaptic plasma membrane protein widely distributed throughout the brain. SNAP25 is involved in the regulation of neurotransmitter release, and decreased levels of SNAP25 have been found in the brains of patients with Down Syndrome and Alzheimer's Disease. In addition, a significant reduction in the hippocampal expression of SNAP25 has also been found in patients with Schizophrenia. Anti-SNAP25 Antibody is ideal for investigators involved in Neuroscience, and Signal Transduction research. Gene Name: SNAP25
Gene ID:	25012
UniProt:	P60881
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

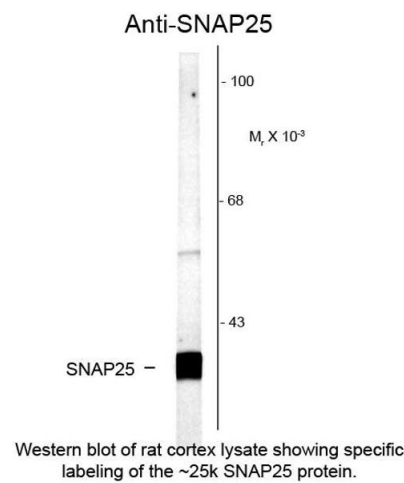
Application Details

Application Notes:	Optional[Neutralization_Dilution]: 1:1000
Comment:	Anti-SNAP 25 antibody is tested for use in Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 25 kDa in size corresponding to SNAP25 protein in the appropriate cell lysate or extracts.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5 Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. This product is stable at 4° C as an undiluted liquid. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot of Anti-SNAP25 (Rabbit) Antibody - 612-401-E31 Western Blot of Rabbit anti-SNAP25 antibody. Lane 1: rat cortex lysate. Lane 2: none. Load: 10 µg per lane. Primary antibody: SNAP25 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 25 kDa for SNAP25. Other band(s): none.