Datasheet for ABIN372714

anti-SNAP25 antibody (C-Term)

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Overview

Quantity:	0.1 mL
Target:	SNAP25
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Chicken, Cow, Zebrafish (Danio rerio), Guinea Pig, Non-Human Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acid residues from the C-terminal region of rat SNAP25 conjugated to keyhole limpet hemocyanin (KLH).
Isotype:	IgG
Specificity:	This antibody recognizes the ~25k SNAP25 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Human, Bovine, Canine, Chicken, Mouse, Guinea Pig, Zebrafish and non-Human Primates. Species reactivity (tested):Rat.
Purification:	Affinity Chromatography.

Target Details

Target:	SNAP25
Alternative Name:	SNAP25 (SNAP25 Products)
Background:	SNAP25 (Synaptosomal associated protein of 25 kDa) is a presynaptic plasma membrane protein that is widely distributed throughout the brain and involved in the regulation of neurotransmitter release. Decreased levels of SNAP25 have been found in the brains of patients with Down Syndrome and Alzheimer's Disease (Greber et al.,1999). In addition, a significant reduction in the hippocampal expression of SNAP25 has also been found in patients with Schizophrenia (Fatemi et al., 2001).Synonyms: RIC4, SNAP, SNAP-25, SUP, Super Protein, Synaptosomal-associated 25 kDa protein, Synaptosomal-associated protein 25, ric-4
Gene ID:	25012
NCBI Accession:	NP_112253
UniProt:	P60881
Pathways:	Positive Regulation of Peptide Hormone Secretion, Hormone Transport, Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport

Application Details

Application Notes:	Western blot: 1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50 % Glycerol.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at-20 °C.

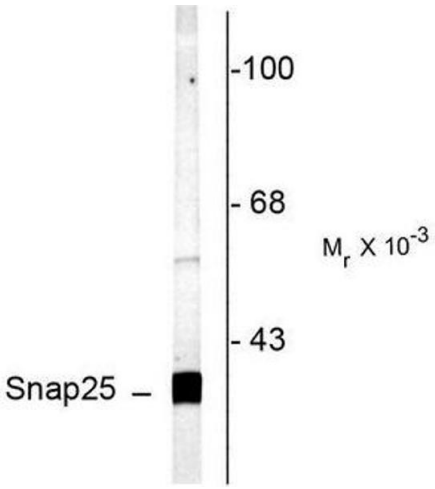

Image 1.