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Datasheet for ABIN5689207

anti-Tamalin/GRASP antibody (AA 814-818)

Overview

Quantity:	0.1 mg
Target:	Tamalin/GRASP (GRASP)
Binding Specificity:	AA 814-818
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tamalin/GRASP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GRASP antibody was raised against a peptide sequence around aa. 814-818 (Q-E-I-V-R) derived from Rat GRASP.
Specificity:	This antibody detects endogenous level of total GRASP protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide

Target Details

Target:	Tamalin/GRASP (GRASP)
Alternative Name:	GRASP (GRASP Products)
Background:	GRASP (GRP1-associated scaffold protein, tamalin) is a 395 amino acid protein encoded by the human gene GRASP . GRASP is a scaffold protein that comprises multiple protein-interacting domains, including a 95 kDa postsynaptic density protein (PSD-95)/discs-large/ZO-1 (PDZ)

Target Details

domain, a leucine-zipper region and a carboxyl-terminal PDZ-binding motif. GRASP is involved within intracellular trafficking and contributes to the macromolecular organization of group 1 metabotropic glutamate receptors (mGluRs) at synapses. GRASP forms a heteromer composed of GRASP, PSCD2 and at least one mGluR-1. It also interacts with PSCD3, mGluR-2, mGluR-3 and mGluR-5. GRASP is highly expressed in brain and has lower levels of expression in lung, heart, embryo, kidney and ovary.

Molecular Weight: 95 kDa

Gene ID: 56850

NCBI Accession: [NP_064522](#)

UniProt: [Q9JHZ4](#)

Application Details

Application Notes: Western Blot: 1:500~1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Antibody supplied in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store antibody at -20°C for up to one year.