

Datasheet for ABIN6658234

anti-Tamalin/GRASP antibody (C-Term)[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Immunogen: Anti-GRASP Antibody was produced by repeated immunizations with synthetic peptide corresponding to amino acid residues from the C-terminal region. Immunogen Type: Peptide
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Cross reactivity with GRASP from other species has not been determined.
Purification:	Anti-GRASP Antibody is directed against rat GRASP protein. The antibody was affinity purified from monospecific antiserum by immunoaffinity purification. Expect reactivity with the following species based on sequence homology: bovine, canine, human, rat, and mouse.

Target Details

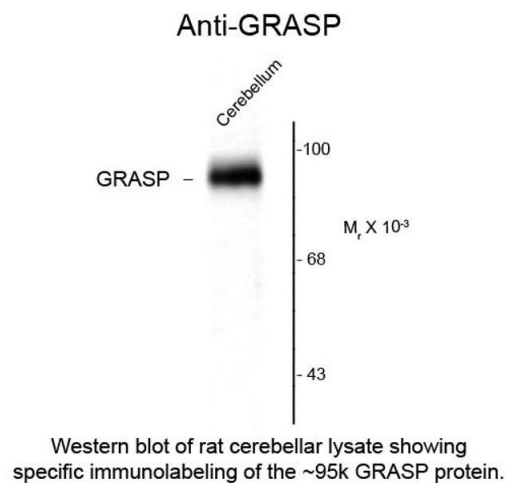
Target:	Tamalin/GRASP (GRASP)
Alternative Name:	GRASP (GRASP Products)
Background:	<p>Synonyms: GRIP1-associated protein 1, Glutamate receptor-interacting protein 1, GRASP1</p> <p>Background: GRASP Antibody detects GRASP protein. PDZ domain-containing proteins, such as PSD-95 and GRIP are thought to play key roles in glutamate receptor plasticity. GRIP-associated proteins (GRASPs) that bind to distinct PDZ domains within GRIP also play key roles in regulation of glutamate receptor function. GRASP-1 is a neuronal rasGEF associated with GRIP and AMPA receptors in vivo. Recent work suggests that GRASP-1 may regulate neuronal ras signaling and contribute to the regulation of AMPA receptor distribution by NMDA receptor activity. Therefore, GRASP antibody is ideal for investigators involved in neuronal plasticity and remodelling and more generally in Neuroscience.</p> <p>Gene Name: GRIPAP1</p>
Gene ID:	116493
UniProt:	P97879

Application Details

Application Notes:	<p>Application Note: Anti-GRASP (Rabbit) antibody is suitable for use in Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 95 kDa in size corresponding to GRASP protein in the appropriate cell lysate or extract.</p> <p>Western Blot Dilution: 1:1000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	<p>Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5</p> <p>Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol</p>
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.



Western Blotting

Image 1. Western Blot of Anti-GRASP (Rabbit) Antibody - 612-401-D66 Western Blot of Rabbit anti-GRIP-associated proteins (GRASP) antibody. Lane 1: rat cerebellar lysate. Lane 2: none. Load: 10 µg per lane. Primary antibody: GRASP antibody at 1:400 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: ~95 kDa, ~95 kDa for GRASP. Other band(s): none.