

[Go to Product page](#)

Datasheet for ABIN6992070 **anti-GPRASP1 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	GPRASP1
Binding Specificity:	AA 260-310, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRASP1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	GPRASP1 antibody was raised against a 15 amino acid peptide near the amino terminus of human GPRASP1. The immunogen is located within amino acids 260 - 310 of GPRASP1.
Isotype:	IgG
Specificity:	GPRASP1 antibody is human and mouse reactive. This antibody is predicted to not cross-react with GPRASP2.
Purification:	GPRASP1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	GPRASP1
Alternative Name:	GPRASP1 (GPRASP1 Products)

Target Details

Background:	The G protein-coupled receptor associated sorting protein 1 (GPRASP1) is a member of the GPRASP family and is thought to modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors (1,2). GPRASP1 interacts with receptors such as the D2 dopamine receptor (DRD2), delta opioid receptor (OPRD1), beta-2 adrenergic receptor (ADRB2), D4 dopamine receptor (DRD4) and cannabinoid 1 receptor (CNR1) and targets these proteins for degradation in lysosomes (2). Recently, it has been shown that increased GPRASP1 levels may act as a potential biomarker for breast cancer (3).
Molecular Weight:	Predicted: 153 kDa Observed: 150 kDa
Gene ID:	9737
NCBI Accession:	NP_001171656
UniProt:	Q5JY77

Application Details

Application Notes:	GPRASP1 antibody can be used for detection of GPRASP1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	GPRASP1 antibody is supplied in PBS containing 0.02 % sodium azide.
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, 4 °C

Handling

Storage Comment: GPRASP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.