

# GPRASP1 Polyclonal Antibody

Catalog No: #29720



Package Size: #29720-1 50ul #29720-2 100ul

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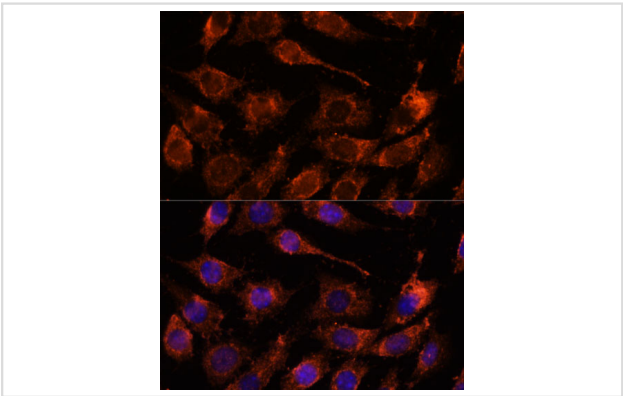
## Description

Product Name	GPRASP1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GPRASP1 (NP_055525.3).
Other Names	GPRASP1; GASP; GASP-1; GASP1; G-protein coupled receptor-associated sorting protein 1
Accession No.	Swiss-Prot#:Q5JY77NCBI Gene ID:9737
Uniprot	Q5JY77
GeneID	9737;
Calculated MW	157kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

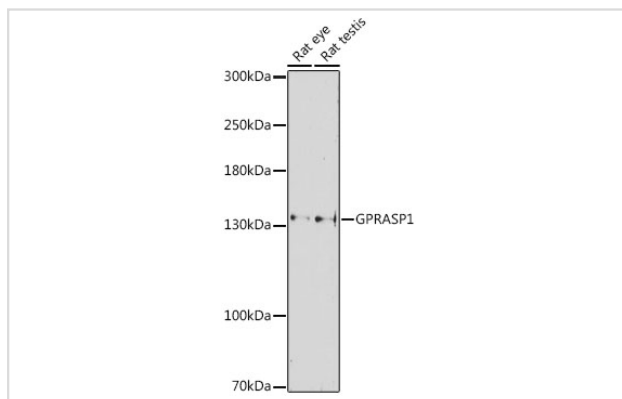
## Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

## Images



Immunofluorescence analysis of L929 cells using GPRASP1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GPRASP1 at 1:1000 dilution.

## Background

This gene encodes a member of the GPRASP (G protein-coupled receptor associated sorting protein) family. The protein may modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. It targets receptors for degradation in lysosomes. The receptors interacting with this sorting protein include D2 dopamine receptor (DRD2), delta opioid receptor (OPRD1), beta-2 adrenergic receptor (ADRB2), D4 dopamine receptor (DRD4) and cannabinoid 1 receptor (CB1R). Multiple alternatively spliced transcript variants encoding the same protein have been identified.

Note: This product is for in vitro research use only