

GPRASP1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56206**Specification****GPRASP1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q5JY77
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	120 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPRASP1
Epitope Specificity	1001-1100/1395
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the GPRASP family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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. [provided by RefSeq, May 2010]

GPRASP1 Polyclonal Antibody - Additional Information**Gene ID 9737****Other Names**

G-protein coupled receptor-associated sorting protein 1, GASP-1, GPRASP1, GASP, KIAA0443

Target/Specificity

Expressed in the brain, with lower expression in medulla, spinal cord and substantia nigra.

Dilution

IHC-P~~N/A
IHC-F~~N/A
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= "dilution_IF" > IF~~1:50~200
 ICC~~N/A
 E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GPRASP1 Polyclonal Antibody - Protein Information

Name GPRASP1

Synonyms GASP, KIAA0443

Function

Modulates lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. Targets receptors for degradation in lysosomes via its interaction with BECN2.

Cellular Location

Cytoplasm.

Tissue Location

Expressed in the brain, with lower expression in medulla, spinal cord and substantia nigra

GPRASP1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPRASP1 Polyclonal Antibody - Images