
Product Name: GASP-1 Rabbit Polyclonal Antibody**Catalog #: APRab11305**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000

Molecular Weight

Antigen Information

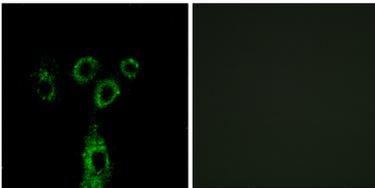
Gene Name	GPRASP1
Alternative Names	GPRASP1; GASP; KIAA0443; G-protein coupled receptor-associated sorting protein 1; GASP-1
Gene ID	9737.0
SwissProt ID	Q5JY77
Immunogen	The antiserum was produced against synthesized peptide derived from human GASP1. AA range:741-790

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. [provided by RefSeq, May 2010],function:May modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. Targets receptors for degradation in lysosomes.,similarity:Belongs to the GPRASP family.,subunit:Interacts with cytoplasmic tails of a variety of G-protein coupled receptors such as D2 dopamine receptor/DRD2 (By similarity), delta opioid receptor/OPRD1, beta-2 adrenergic receptor/ADRB2 and D4 dopamine receptor/DRD4. Interacts with PER1.,tissue specificity:Expressed in the brain, with lower expression in medulla, spinal cord and substantia nigra.,

Research Area

Image Data



Immunofluorescence analysis of A549 cells, using GASP1 Antibody. The picture on the right is blocked with the synthesized peptide.