Best Tools for immunology Research

GASP-1 Polyclonal Antibody

Catalog No :	YT1856
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	GASP-1
Gene Name :	GPRASP1
Protein Name :	G-protein coupled receptor-associated sorting protein 1
Human Gene Id :	9737
Human Swiss Prot No :	Q5JY77
Mouse Swiss Prot No :	Q5U4C1
Immunogen :	The antiserum was produced against synthesized peptide derived from human GASP1. AA range:741-790
Specificity :	GASP-1 Polyclonal Antibody detects endogenous levels of GASP-1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	157kD

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 : 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.,

Subcellular Location : Cytoplasm .

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

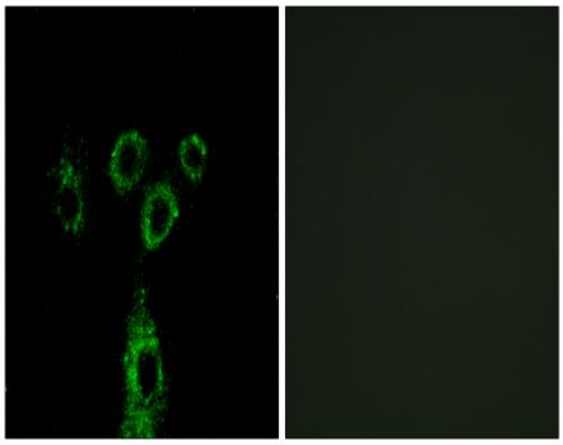
Sort : 6464

No4 : 1

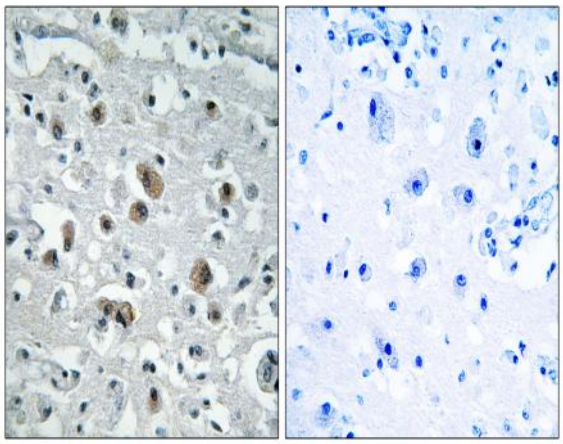
Host : Rabbit

Modifications : Unmodified

Products Images



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



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GASP1 Antibody. The picture on the right is blocked with the synthesized peptide.