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Rabbit Anti-GPRASP1/PE Conjugated antibody

SL16299R-PE

Product Name	Anti-GPRASP1/PE
Chinese Name	PE 标记的 GPRASP1 蛋白抗体
Alias	G-protein coupled receptor-associated sorting protein 1; GASP; GASP-1; GASP1; GASP1_HUMAN; Gprasp1; KIAA0443.
Research Area	Signal transduction G protein-coupled receptor G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Cow,Sheep)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	120kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GPRASP1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**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.

Subcellular Location:
Cytoplasm.

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

Similarity:
Belongs to the GPRASP family.

Database links:

Entrez Gene: 9737 Human

Omim: 300417 Human

SwissProt: Q5JY77 Human

Unigene: 522729 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.