Arrestin-β-1 (phospho Ser412) Polyclonal Antibody

Catalog No: #14076

Package Size: #14076-1 50ul #14076-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Arrestin-β-1 (phospho Ser412) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Monkey
Specificity	Phospho-Arrestin-β-1 (S412) Polyclonal Antibody detects endogenous levels of Arrestin-β-1 protein only when phosphorylated at S412.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Arrestin 1 around the phosphorylation site of Ser412. AA range:369-418
Other Names	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1
Accession No.	Swiss Prot:P49407GeneID:408
Uniprot	P49407
GeneID	408
SDS-PAGE MW	47
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

arrestin beta 1(ARRB1) Homo sapiens Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described. [provided by RefSeq, Jan 2011],

Note: This product is for in vitro research use only