

Arrestin-?-1 (phospho Ser412) Polyclonal Antibody

Cat No: HR1AP7258

For research use only

Overview

Product Name	Arrestin-?-1 (phospho Ser412) Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Monkey
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	47kDa
GeneID?Human?	ARRB1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1
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],