

Phospho-Arrestin-Beta-1 (S412) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00642
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Arrestin 1 around the phosphorylation site of Ser412. AA range:369-418
Mol wt	47066
Species reactivity	Human, monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Phospho-Arrestin-beta-1 (S412) Antibody
Synonyms	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year