

beta -Arrestin 1(Phospho-Ser412) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05811
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human β -Arrestin 1 (Ser412)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	beta -Arrestin 1
Synonyms	β -Arrestin 1 ;Ser412; 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: 1000 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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