

Anti- β -Arrestin-1 Rabbit pAb

WL01278

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti- β -Arrestin-1 Rabbit pAb
Source	Rabbit
Species reactivity	Human
Tested applications	Western blot 1:500-1:1000
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>
Molecular Wt.	47 kDa
Pack size	50/100/200/500/1000 μ l
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

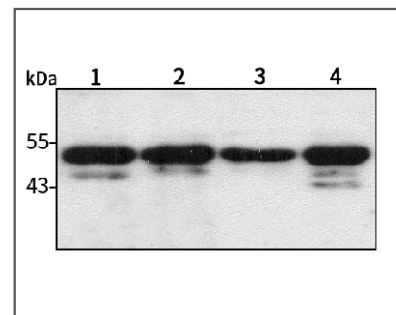
Background	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic 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.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of β -Arrestin-1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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Product Images

Western blot-Anti- β -Arrestin-1 pAb

Lane 1: Human HepG2 cell lysate 20 μ g
Lane 2: Human Hela cell lysate 20 μ g
Lane 3: Human BGC-823 cell lysate 20 μ g
Lane 4: Human MGC-803 cell lysate 20 μ g
Separation gel: 8% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody-HRP: 1:7000 in blocking buffer, RT, 45min
Visualization: ECL