

Anti- β -Arrestin 1 Monoclonal Antibody

Cat: AC50501

Summary:

【 Product name 】 : Anti- β -Arrestin 1 **【 Source 】** : Mouse

antibody

【 Isotype 】 : IgG2b

【 Species reactivity 】 : Human Mouse Rat

【 Swiss Prot 】 : P49407

【 Gene ID 】 : 408

【 Calculated 】 : MW:50kDa

【 Observed 】 : MW:55kDa

【 Purification 】 : Affinity purification

【 Tested applications 】 : WB

【 Recommended dilution 】 : WB 1:200-1000.

【 WB Positive sample 】 : PC12,Raw264.7,MCF7 and mouse brain cell lysates

【 Subcellular location 】 : Cell membrane Cell projection Cytoplasm Cytoplasmic vesicle Membrane
Nucleus clathrin-coated pit pseudopodium

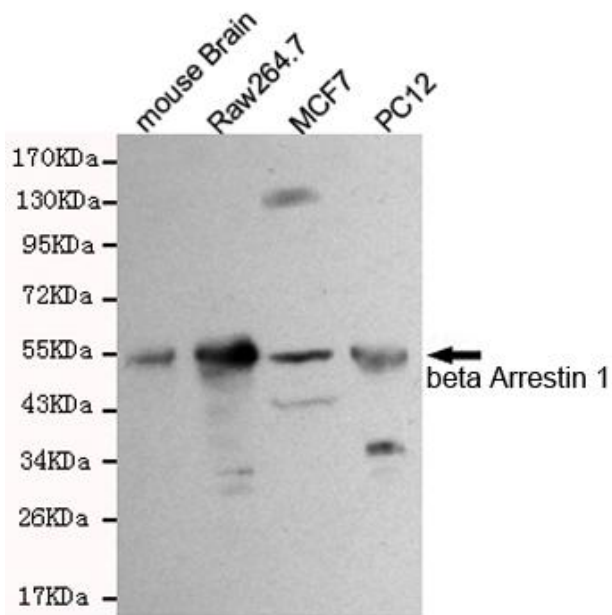
【 Immunogen 】 : Purified recombinant human beta Arrestin 1 protein fragments expressed in E.coli.

【 Storage 】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

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.

Verified picture



Western blot analysis with β -Arrestin 1 antibody diluted at 1:500