

Anti-ARRB2 Polyclonal Antibody

Cat: K110283P

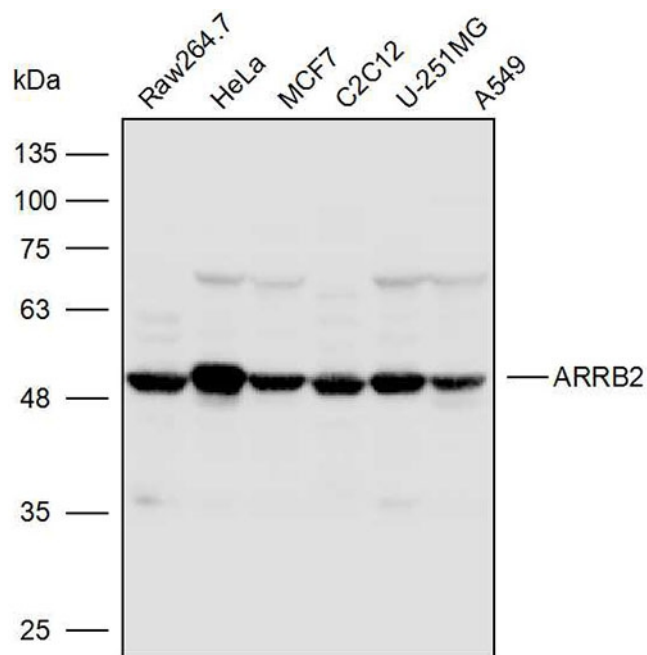
Summary:

【Product name】 : Anti-ARRB2antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat Predicted:Cow
【Swiss Prot】 : P32121	【Gene ID】 : 409
【Calculated】 : MW:44/46/47/48kDa	【Observed】 : MW:50kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:1000-3000. IHC 1:50-200.	
【WB Positive sample】 : RAW264.7,HeLa,MCF7,C2C12,U-251MG,A549	
【IHC Positive sample】 : Human breast cancer	
【Subcellular location】 : Cytoplasm Nucleus Cell membrane	
【Immunogen】 : A synthetic peptide of ARRB2	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

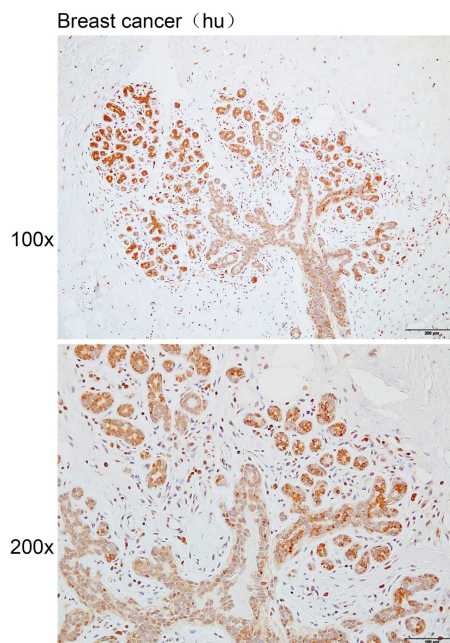
Background:

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 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Verified picture



Western blot analysis with ARRB2 antibody diluted at 1:2000; Lane: RAW264.7, HeLa, MCF7, C2C12, U-251MG, A-549



Immunohistochemistry of paraffin-embedded breast cancer using ARRB2 antibody diluted at 1:100