Recombinant Human ARRB2 cell lysate

Cat. No. ARRB2-130HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Description	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 have been found for this gene, but the full-length nature of some variants has not been defined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ARRB2 arrestin, beta 2 [Homo sapiens]
Official Symbol	ARRB2

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Synonyms	ARRB2; arrestin, beta 2; ARR2; beta-arrestin-2; arrestin 3; BARR2; DKFZp686L0365; arrestin beta-2; ARB2;
Gene ID	409
mRNA Refseq	NM_001257328
Protein Refseq	NP_001244257
MIM	107941
UniProt ID	P32121
Chromosome Location	17p13
Pathway	ALK1 signaling events, organism-specific biosystem; Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Atypical NF-kappaB pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem;
Function	G-protein coupled receptor binding; angiotensin receptor binding; protein binding; receptor binding; ubiquitin protein ligase binding;

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