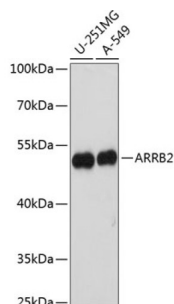


Arrestin Beta 2 (ARRB2) Antibody

Catalogue No.: abx001085



Western blot analysis of extracts of various cell lines using ARRB2 Antibody (1/1000 dilution).

ARRB2 Antibody is a Rabbit Polyclonal antibody against ARRB2. 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. ARRB2, 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 ARRB2 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.

Target: Arrestin Beta 2 (ARRB2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human ARRB2

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P32121 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 5.0.0

Revision date: 08 Sep 2025



Gene Symbol: ARRB2

GeneID: [409](#)

OMIM: [107941](#)

NCBI Accession: NP_004304.1

HGNC: 712

KEGG: hsa:409

Ensembl: ENSG00000141480

String: [9606.ENSP00000403701](#)

Molecular Weight: Calculated MW: 44 kDa/45 kDa/46 kDa/47 kDa/48 kDa
Observed MW: 52 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.