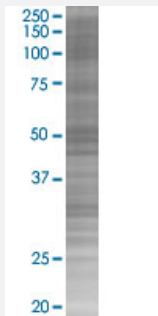


ARRB2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000409-T02

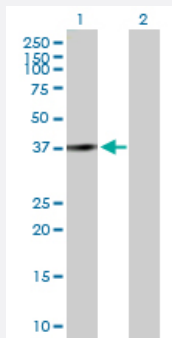
Size 100 uL

Applications



SDS-PAGE Gel

ARRB2 transfected lysate.



Western Blot

Lane 1: ARRB2 transfected lysate (46.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ARRB2 full-length

Host Human

Theoretical MW (kDa) 46.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ARRB2 antibody ([H00000409-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ARRB2 transfected lysate.
 Western Blot
 Lane 1: ARRB2 transfected lysate (46.10 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ARRB2

Entrez GeneID [409](#)

GeneBank Accession# [NM_004313](#)

Protein Accession# [AAH67368.1](#)

Gene Name ARRB2

Gene Alias ARB2, ARR2, BARR2, DKFZp686L0365

Gene Description arrestin, beta 2

Omim ID [107941](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations arrestin 3

Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)

- [MAPK signaling pathway](#)
- [Olfactory transduction](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Confusion](#)
- [Disease Models](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Nausea](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Polycystic Ovary Syndrome](#)
- [Psychoses](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)