Datasheet

ARRB1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00000408-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human ARRB1 protein.

Immunogen: ARRB1 (NP_004032.2, 1 a.a. ~ 418 a.a) full-length human protein.

Sequence:
MGDKGTRVFKKASPNGKLTVYLGKRDFVDHIDLVDPV
DGVVLVDPEYLKERRVYVTLTCAFRYGREDLDVLGLT
FRKDLFVANVQSFPPAPEDKKPLTRLQERLIKKLGEHA
YPFTFEIPPNLPCSVTLQPGPEDTGKACGVDYEVKAFC
AENLEEKIHKRNSVRLVIRKVQYAPERPGPQPTAETTR
QFLMSDKPLHLEASLDKEIYYHGEPISVNVHVTNNTNK
TVKKIKISVRQYADICLFNTAQYKCPVAMEEADDTVAP
SSTFCKVYTLTPFLANNREKRGLALDGKLKHEDTNLAS
STLLREGANREILGIIVSYKVKVKLVVSRGGLLGDLASS
DVAVELPFTLMHPKPKEEPPHREVPENETPVDTNLIEL
DTNDDDIVFEDFARQRLKGMKDDKEEEEDGTGSPQL
NNR

Host: Rabbit

Reactivity: Human

Applications: WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 408

Gene Symbol: ARRB1

Gene Alias: ARB1, ARR1

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 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, however, their exact functions are not known. [provided by RefSeq]