9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

ARRB1 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00000408-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse 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: Mouse

Reactivity: Human

Applications: Det Ab, 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: No additive

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]