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Datasheet

ARHGAP4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00000393-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human ARHGAP4 protein.

Immunogen: ARHGAP4 (AAH52303.1, 1 a.a. ~ 986 a.a) full-length human protein.

Sequence:
MAAHGKLRRERGLQAEYETQVKEMRWQLSEQLRCLE
LQGELRRELLQELAEFMRRRAEVELEYSRGLEKLAER
FSSRGGRLGSSREHQSFRKEPSLLSPLHCWAVLLQHT
RQQSRESAALSEVLAGPLAQRLSHIAEDVGRLVKKSR
DLEQQLQDELLEVVSELQTAKKTYQAYHMESVNAEAK
LREAERQEEKRAGRSVPTTTAGATEAGPLRKSSLKKG
GRLVEKLWPPQRPVAASSCAPVCWLQAGFLVHPPW
WGAMCAPSTHQRQAKFMEHKLKCTKARNEYLLSLAS
VNAAVSNYYLHDVLDLMDCCDTGFHLALGQVLRSYTA
AESRTQASQVQGLGSLEEAVEALDPPGDKAKVLEVHA
TVFCPPLRFDYHPHDGDEVAEICVEMELRDEILPRAQN
IQSRLDRQTIETEEVNKTLKATLQALLEVVASDDGDVL
DSFQTSPSTESLKSTSSDPGSRQAGRRRGQQQETET
FYLTKLQEYLSGRSILAKLQAKHEKLQEALQRGDKEEQ
EVSWTQYTQRKFQKSRQPRPSSQYNQRLFGGDMEK
FIQSSGQPVPLVVESCIRFINLNGLQHEGIFRVSGAQLR
VSEIRDAFERGEDPLVEGCTAHDLDSVAGVLKLYFRSL
EPPLFPPDLFGELLASSELEATAERVEHVSRLLWRLPA
PVLVVLRYLFTFLNHLAQYSDENMMDPYNLAVCFGPT
LLPVPAGQDPVALQGRVNQLVQTLIVQPDRVFPPLTSL
PGPVYEKCMAPPSASCLGDAQLESLGADNEPELEAE
MPAQEDDLEGVVEAVACFAYTGRTAQELSFRRGDVL
RLHERASSDWWRGEHNGMRGLIPHKYITLPAGTEKQ
VVGAGLQTAGESGSSPEGLLASELVHRPEPCTSPEAM
GPSGHRRRCLVPASPEQHVEVDKAVAQNMDSVFKEL
LGKTSVRQGLGPASTTSPSPGPRSPKAPPSSRLGRNK
GFSRGPGAPASPSASHPQGLDTTPKPH

Host: Rabbit

Reactivity: Human

Applications: WB-Ti, 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: 393

Gene Symbol: ARHGAP4

Gene Alias: C1, KIAA0131, RGC1, RhoGAP4, p115

Gene Summary: This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]