

Datasheet

ARHGAP4 monoclonal antibody (M01), clone 3F7

Catalog Number: H00000393-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ARHGAP4.

Clone Name: 3F7

Immunogen: ARHGAP4 (AAH52303, 881 a.a. ~ 986 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

TSPEAMGPSGHRRRCLVPASPEQHVEVDKAVAQNMD
SVFKELLGKTSVRQGLGPASTTSPSPGPRSPKAPPSS
RLGRNKGFSRGPAPASPSASHPQGLDTPKPH

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re

(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

Isotype: IgG1 Kappa

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]