

MaxPab®

ARHGEF12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023365-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ARHGEF12 protein.
Immunogen	ARHGEF12 (AAI52901.1, 1 a.a. ~ 1544 a.a) full-length human protein.
Sequence	MSGTQSTITDRFPLKKPIRHGSILNRESPTDKKQKVERIASHDFTDSSSSKKTSSSEESRSEIYG LVQRCVIIQKDDNGFGLTVSGDNPVQSVKEDGAAMRAGVQTGDRIKVNGLTVTHSNHLEVVK LIKSGSYVALTVQGRPPGSPQIPLADSEVEPSVIGHMSPIMTSPHSPGASGNMERITSPVLMGEEN NVVHNQKVEILRKMLQKEQERLQLLQEDYNRTPAQRLLEKEIAKKHIPQLQEQLSKATGSAQDG AVVTPSRPLGDTLTVSEAETDPGDVLGRTDCSSGDASRPSSDNADSPKSGPKERMYLEENPEKS ETIQD TDTQSLVGSPSTRIAPHIIGAEDDDFGTEHEQINGQCSCFQSIELLSRPAHLAVFLHHVVS QFDPATLLCYLYSDLYKHTNSKETRRIFLEFHQFFLDRSAHLKVSVPDEMSADLEKRRPELIPEDL HRHYIQTMQERVHPEVQRHLEDFRQKRSMGLTAESELTCLDAERDKDRLTLEKERTCAEQVAKI EEVLMTAQAVEEDKSSTMQYVILMYMKHLGVKVKEPNLEHKGRIKQSMKKDKEGEEK GKRRGFPSILGPPRRPSRHDNSAIGRAMELQKARHPKHLSTPSSVSPEPQDSAKLRQSGLANEG TDAGYLPANSMSSVASGASFQEGGKENDTGSKQVGETSAPGDTLDGTPRTLNTVDFPPPPPL DQVQEEEECEVERVTEHGTCPFRKFDSVAFGESQSEDEQFENDLETDPNPNWQQLVSREVLLGL KPCEIKRQEVINELFYTERAHVRTLKVLDQVFYQVRVSREGILSPSELRKIFSNLEDILQLHIGLNEQM KAVRKRNETSVIQIGEDLLTWFSGPGEKCLKHAAATFCSNQPFALMIKSRQKKDSRFQTFVQD AESNPLCRRLQLKDIIPTQMQLTKYPLLLDNIKYTEWPTEREKVKKAADHCRQILNRYNQAQVKEA ENKQRLDYQRRLDTSKLSEYPNVEELRNLDLTKRKMIEGPLVWKNRDKTIDLYTLLEDILV LLQKQDDRLVLRCHSKILASTADSKHTFSPVIKSTVLVRQVATDNKALFVISMDSNGAQIYELVAQ TVSEKTVWQDLICRMAASVKEQSTKPIPLQSTPGEGDNDEEDPSKLKEEQHGISTGLQSPDR DLGLESTLISSKPQSHSLSTSGKSEVRDLFVAERQFAKEQHTDGLKEVGEDYQAIIPDSHLPVSE ERWALDALRNLLGLLQQLVQQLGLTEKSVQEDWQHFPYRTASQGPQTDVQNSENIKAYHSG EGHMPFRTGTGDIATCYSPTSTESFAPRDSVGLAPQDSQASNILVMDHMIMTPEMPTMEPEGGL DDSGEHFFDAREAHSDENPSEGDGAVNKEEKDVNLRISGNLILDGYDPVQESSTDEEVASSLT LQPMTGIPAVESTHQQQHSPQNTHSDGAISPTPEFLVQQRWGAMEYSCFEIQSPSSCADSQSQI MEYHKIEADLEHLKKVEESYTILCQRLAGSALTDKHSKDS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — ARHGEF12

Entrez GeneID[23365](#)**GeneBank Accession#**[BC152900.1](#)**Protein Accession#**[AAI52901.1](#)**Gene Name**

ARHGEF12

Gene Alias

DKFZp686O2372, KIAA0382, LARG, PRO2792

Gene Description

Rho guanine nucleotide exchange factor (GEF) 12

Omim ID[601626](#) [604763](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein is observed to form myeloid/lymphoid fusion partner in acute myeloid leukemia. [provided by RefSeq]

Other Designations

leukemia-associated rho guanine nucleotide exchange factor

Pathway

- [Axon guidance](#)
- [Regulation of actin cytoskeleton](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Angina Pectoris](#)
- [Coronary Vasospasm](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Metabolic Syndrome X](#)
- [Tobacco Use Disorder](#)