

MaxPab®

RASA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010156-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RASA4 protein.
Immunogen	RASA4 (ADR83403.1, 1 a.a. ~ 803 a.a) full-length human protein.
Sequence	MAKRSSLYIRIVEGKNLPAKDITGSSDPYCMKVDNEPIIRTATVWKTLCPFWGEEYQVHLPPTFHA VAFYVMDEDALSRDDVIGKVCLTRDTIASHPKGFSGWAHLTEVDPDEEVQGEIHLRLEVWPGAR ACRLRCSVLEARDLAPKDRNGTSDPFVRVRYKGRTRETSIVKKSCYPRWNETFEFELQEGAMEA LCVEAWDWDLVSRNDFLGKVVIDVQRLRVVQQEEGWFRLLQPDQSKSRRHDEGNLGSLLQLEVR LRDETVLPSSYYQPLVHLLCHEVKLGMQGGPGLIPLIEETTSTECRQDVATNLLKFLGQGLAKDF LDLLFQLELSRTSETNTLFRSNSLASKSVESFLKVAGMQYLHGVLPPIINKVFEEKKYVELDPSKV EVKDVGCSSGLHRPQTEAEVLEQSAQTLRAHLGALLSALSRSVRACPAVVRATFRQLFRRVRERF PGAQHENVPFIAVTSFLCLRFFSPAIMSPKLFHLRERHADARTSRTLALLAKAVQNVGNMDTPASR AKEAWMEPLQPTVRQGVAKLDFITKLVDIEEKDELQRTLQAPPVKEGPLFIHRTKGKGPL MSSSFKKLYFSLTTEALSFAKTPSSKKSALIKLANIRAAEKVEEKSFGGSHVMQVIYDDAGRPQT AYLQCKCVNELNQWLSALRKVSINNTGLLGSYHPGVFRGDKWSCCHQKEKTGQGC DKTRSRVT LQEWNDPLDHDLEAQLYRHLLGVEAMLWERHRELSGGAEAGTVPTSPGKVPEDSLARLLRVLQ DLREAHSSSPAGSPSEPNCLELQT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — RASA4

Entrez GeneID [10156](#)

GeneBank Accession# [HQ258652.1](#)

Protein Accession# [ADR83403.1](#)

Gene Name RASA4

Gene Alias CAPRI, GAPL, KIAA0538, MGC131890

Gene Description RAS p21 protein activator 4

Omim ID [607943](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the GAP1 family of GTPase-activating proteins that suppresses the Ras/mitogen-activated protein kinase pathway in response to Ca(2+). Stimuli that increase intracellular Ca(2+) levels result in the translocation of this protein to the plasma membrane, where it activates Ras GTPase activity. Consequently, Ras is converted from the active GTP-bound state to the inactive GDP-bound state and no longer activates downstream pathways that regulate gene expression, cell growth, and differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations Ca2+-promoted Ras inactivator|Ras GTPase-activating protein 4|calcium-promoted Ras inactivator