

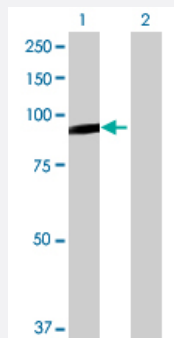
MaxPab®

RASGRP4 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00115727-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RASGRP4 expression in transfected 293T cell line ([H00115727-T01](#)) by RASGRP4 MaxPab polyclonal antibody.

Lane1:RASGRP4 transfected lysate(74.03 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RASGRP4 protein.
Immunogen	RASGRP4 (NP_733748, 1 a.a. ~ 673 a.a) full-length human protein.
Sequence	MNRKDSKRKSHQECTGKIGGRGRPRQVRRHKTCSPREISKVMASMNGLLLSEGGCSEDELLE KCIQSFDASAGSLCHEDHMLNMVLAMHSWWLPSADLAARLLTSYQKATGDTQELRRLQICHLVRY WLMRHPEVMHQDPQLEEVIGRFWATVAREGNSAQRRLLGDSSDLLSPGGPGPPLPMSSPGLGK KRKVSLLFDHLETGELAQHLYLEFRSFQAITPQDLRSYVLQGSVRGCPALEGSVGLSNSVSRWW QVMVLSRPGPLQRAQVLDKFIHVAQRLHQLQNFNTLMAVTGGLCHSAISRLKDSHAHLSPDSTKA LLELTELASHNNYARYRRTWAGCAGFRLPVLGVHLKDLVSLHEAQPDRLPDGRLHLPKLNLYL RLQELVALQGQHPPCSANEDLLHLLTSLDLFYTEDEIYELSYAREPRCPKSLPPSPFNAPLVVE WAPGVTPKPDRVTLGRHVEQLVESVFKNYDPEGRGTISQEDFERLSGNFPFACHGLHPPPRQG RGSFSREELTGyllRASAICSKLGLAFLHTFHEVTFRKPTFCDSGSLFWGVTKQGYRCREGLC CHKHCRDQVKVECKKRPAGKGDAGPPGAPVPSTPAPHASCGSEENHSYTLSEPETGCQLRH AWTQTESPHPSWETDTPCPVMDPPSTASSKLDS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (82)

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)

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[Protocol Download](#)

Gene Info — RASGRP4

Entrez GeneID	115727
GeneBank Accession#	NM_170603
Protein Accession#	NP_733748
Gene Name	RASGRP4
Gene Alias	-
Gene Description	RAS guanyl releasing protein 4
Omim ID	607320
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the Ras guanyl nucleotide-releasing protein (RASGRP) family of Ras guanine nucleotide exchange factors. It contains a Ras exchange motif, a diacylglycerol-binding domain, and two calcium-binding EF hands. This protein was shown to activate H-Ras in a cation-dependent manner in vitro. Expression of this protein in myeloid cell lines was found to be correlated with elevated level of activated RAS protein, and the RAS activation can be greatly enhanced by phorbol ester treatment, which suggested a role of this protein in diacylglycerol regulated cell signaling pathways. Studies of a mast cell leukemia cell line expressing substantial amounts of abnormal transcripts of this gene indicated that this gene may play an important role in the final stages of mast cell development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	guanyl nucleotide releasing protein 4
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Pathway

- [MAPK signaling pathway](#)

Disease

- [Asthma](#)