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Datasheet

RBL1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00005933-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human RBL1 protein.

Immunogen: RBL1 (ABM84709.1, 1 a.a. ~ 1014 a.a) full-length human protein.

Sequence:
MFEDKPHAEGAAVVAAAGEALQALCQELNLDEGSAAE
ALDDFTAIRGNYSLEGEVTHWLACSLYVACRKSIIPTV
GKGIMEGNCVSLTRILRSAKLSLIQFFSKMKKWMDMS
NLPQEFRERIERLERNFEVSTVIFKKYEPIFLDIFQNPYE
EPPKLPRSRKQRRIPCSVKDLFNFCWTLFVYTKGNFR
MIGDDLVNSYHLLLCCLDLIFANAIMCPNRQDLLNPSFK
GLPSDFHTADFTASEEPPCIIAVLCELHDGLLVEAKGIK
EHYFKPYISKLFDRKILKGECLLDLSSFTDNSKAVNKEY
EEYVLTVGDFDERIFLGADAEEEIGTPRKFTRDTPLGK
LTAQANVEYNLQQHFEKKRSFAPSTPLTGRRYLREKE
AVITPVASATQSVSRLQSIVAGLKNAPSDQLINIFESCV
RNPVENIMKILKGIGETFCQHYTQSTDEQPGSHIDFAV
NRLKLAEILYYKILETVMVQETRRLHGMDMSVLLEQDIF
HRSLMACCLEIVLFAYSSPRTFPWIIEVLNLQPFYFYKVI
EVVIRSEEGLSRDMVKHLNSIEEQILESLAWSHDSALW
EALQVSANKVPTCEEVIFPNNFETGNGGNVQGHLPLM
PMSPLMHPRVKEVRTDSGSLRRDMQPLSPISVHERYS
SPTAGSAKRRLFGEDPPKEMLMDKIITEGTKLKIAPSSS
ITAENVSILPGQTLLTMATAPVTGTTGHKVTIPLHGVAN
DAGEITLIPLSMNTNQESKVKSPVSLTAHSLIGASPKQT
NLTKAQEVHSTGINRPKRTGSLALFYRKVYHLASVRLR
DLCLKLDVSNELRRKIWTCFEFTLVHCPDLMKDRHLD
QLLLCAFYIMAKVTKEERTFQEIMKSYRNQPQANSHVY
RSVLLKSIPREVVAYNKNINDDFEMIDCDLEDATKTPD
CSSGPVKEERGDLIKFYNTIYVGRVKSFALKYDLANQD
HMMDAPPLSPFPHIKQQPGSPRRISQQHSIYISPHKNG
SGLTPRSALLYKFNGSPSKVR

Host: Mouse

Reactivity: Human

Applications: Det Ab, 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: 5933

Gene Symbol: RBL1

Gene Alias: CP107, MGC40006, PRB1, p107

Gene Summary: The protein encoded by this gene is similar in sequence and possibly function to the product of the retinoblastoma 1 (RB1) gene. The RB1 gene product is a tumor suppressor protein that appears to be involved in cell cycle regulation, as it is phosphorylated in the S to M phase transition and is dephosphorylated in the G1 phase of the cell cycle. Both the RB1 protein and the product of this gene can form a complex with adenovirus E1A protein and SV40 large T-antigen, with the SV40 large T-antigen binding only to the unphosphorylated form of each protein. In addition, both proteins can inhibit the transcription of cell cycle genes containing E2F binding sites in their promoters. Due to the sequence and biochemical similarities with the RB1 protein, it is thought that the protein encoded by this gene may also be a tumor suppressor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]