

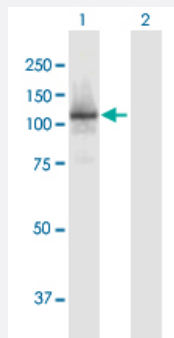
MaxPab®

RBL1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005933-B01P

Size 50 ug

Applications

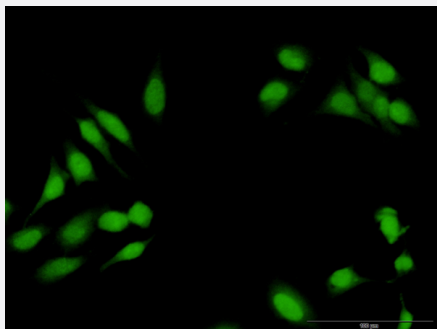


Western Blot (Transfected lysate)

Western Blot analysis of RBL1 expression in transfected 293T cell line ([H00005933-T02](#)) by RBL1 MaxPab polyclonal antibody.

Lane 1: RBL1 transfected lysate (111.54 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RBL1 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

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

MFEDKPHAEGAAVVAAAGEALQALCQELNLDEGSAAEALDDFTAIRGNYSLEGEVTHWLACSLY
VACRKSIIPTVGKGIMEGNCVSLTRILRSAKLSLIQFFSKMKKWMDMSNLPQEFRERIERLERNFEV
STVIFKKYEIFLDIFQNPYEPPKLPRSRKQRRIPCSVKDLFNFCWTLFVYTKGNFRMIGDDLVS
YHLLCCCLDLIFANAIMCPNRQDLLNPSFKGLPSDFHTADFTASEEPPCIIVLCELHDGLLVEAKGI
KEHYFKPYISKLFDRKILKGECLLDLSSFTDNSKAVNKEYEEVLTGVDGDFERIFLGADAEIEIGTP
RKFTTRDTPLGKLTAAQANVEYNLQQHFEKKRSFAPSTPLTGRRYLREKEAVITPVASATQSVSRLQ
SIVAGLKNAPSDQLINIFESCVRNPVENIMKILKGIGETFCQHYTQSTDEQPGSHIDFAVNRLKLAEL
YYKILETMVQETRRLHGMDMSVLLEQDIFHRSLMACCLENLFAVSSPRTFPWIIIVNLQPFYFYK
VIEVVIRSEEGLSRDMVKHLNSIEEQILESLSAWSHDSALWEALQVSANKVPTCEEVIFPNNFETGN
GGNVQGHLPMPMSPLMHPRVKEVRTDSGSLRRDMQPLSPISVHERYSSPTAGSAKRRLFGED
PPKEMLMDKIITEGTLKIAPSSSITAENVILPGQTLLTMATAPVTGTTGHKVTIPLHGVANDAGEIT
LIPLSMNTNQESKVKSPVSLTAHSLIGASPKQTNLTAKAEVHSTGINRPKRTGSLALFYRKVYHLAS
VRLRDLCLKLDVSNELRRKIWTCFEFTLVHCPDLMKDRHLDQLLLCAFYIMAKVTKEERTFQEIMK
SYRNQPPQANSHVYRSVLLKSIPREVVAYNKNINDDFEMIDCDLEDATKTPDCSSGPVKEERGDLIK
FYNTIYVGRVKSFALKYDLANQDHMMDAPPLSPFPHIKQQPGSPRRISQQHSIMSPHKNNGSGLTPR
SALLYKFNGSPSKVR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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

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Lane 1: RBL1 transfected lysate(111.54 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RBL1 on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — RBL1

Entrez GeneID

[5933](#)

GeneBank Accession#	DQ893783.2
Protein Accession#	ABM84709.1
Gene Name	RBL1
Gene Alias	CP107, MGC40006, PRB1, p107
Gene Description	retinoblastoma-like 1 (p107)
Omim ID	116957
Gene Ontology	Hyperlink
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]
Other Designations	107 kDa retinoblastoma-associated protein OTTHUMP00000030892 OTTHUMP00000030893 cellular protein 107 retinoblastoma-like protein 1

Pathway

- [Cell cycle](#)
- [TGF-beta signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)