

Rabbit p107 Polyclonal Antibody | anti-RBL1 antibody

Anti-p107 antibody

CATALOG # AAA45421	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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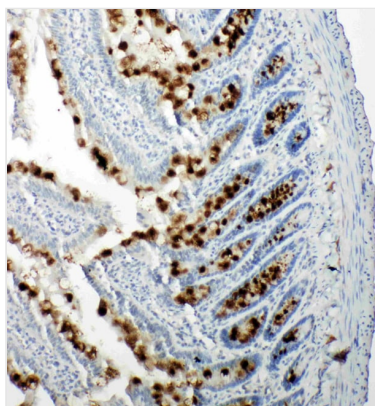
PRODUCT SYNONYMS

p107; Polyclonal Antibody; Anti-p107 antibody; Retinoblastoma-like protein 1; retinoblastoma-like 1(p107); 107 kDa retinoblastoma associated protein antibody; 107 kDa retinoblastoma-associated protein antibody; Cellular protein 107 antibody; Cellular protein p107 antibody; CP 107 antibody; CP107 antibody; MGC40006 antibody; p107 antibody; PRB 1 antibody; PRB1 antibody; RB L1 antibody; RBL 1 antibody; RBL1 antibody; RBL1_HUMAN antibody; Retinoblastoma like 1 antibody; Retinoblastoma like protein 1 antibody; retinoblastoma-like 1(p107) antibody; Retinoblastoma-like protein 1 antibody; anti-RBL1 antibody

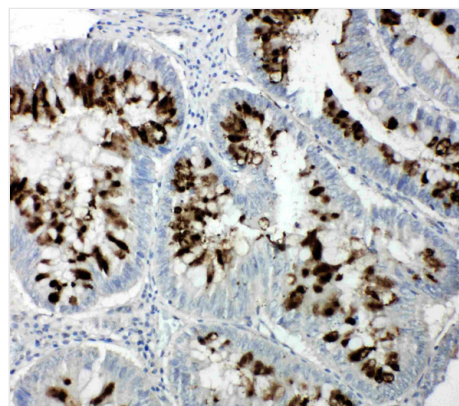
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1068
Applicable Applications for anti-RBL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human p107 (1048-1068aa QENDDVLLKRLQDVVSEANH), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

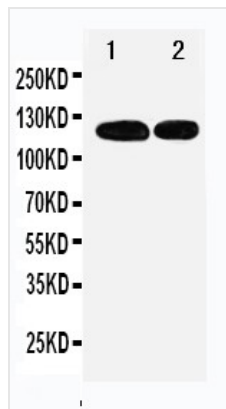
IMAGES



IHC (Immunohistochemistry)
Anti-p107 antibody, AAA45421, IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti-p107 antibody, AAA45421, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
 Anti-p107 antibody, AAA45421, Western blotting
 Lane 1: 239T Cell Lysate
 Lane 2: JURKAT Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RBL1 antibody	Description: Rabbit IgG polyclonal antibody for Retinoblastoma-like protein 1(RBL1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: RBL1(Retinoblastoma-like 1), also known as Cullular Proteins p107, CP107 and 107, is a protein that in humans is encoded by the RBL1 gene. Ewen et al.(1991)used a partial cDNA for human p107 to map the gene to 20q11. by fluorescence in situ hybridization. Huppi et al.(1996)found that the mouse Rbl1 gene maps to the distal end of chromosome 2, as does also the E2f1 gene. 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 though 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90103515
NCBI GeneID	5933
UniProt Accession #	P28749; Q4VXA0; Q8N5K6; Q9H1L5; Q9H1M1; A8K2W5
Molecular Weight	114,688 Da
NCBI Official Full Name	Retinoblastoma-like protein 1
NCBI Official Synonym Full Names	retinoblastoma-like 1
NCBI Official Symbol	RBL1
NCBI Official Synonym Symbols	PRB1; p107; CP107
NCBI Protein Information	retinoblastoma-like protein 1; cellular protein 107; retinoblastoma-like 1 (p107); 107 kDa retinoblastoma-associated protein
UniProt Protein Name	Retinoblastoma-like protein 1
UniProt Gene Name	RBL1
UniProt Synonym Gene Names	p107
UniProt Entry Name	RBL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p107-antibody-immunohistochemistry-western-blot-elisa/45421>