

Rabbit RBL2 Polyclonal Antibody | anti-RBL2 antibody

RBL2 Antibody (N-term)

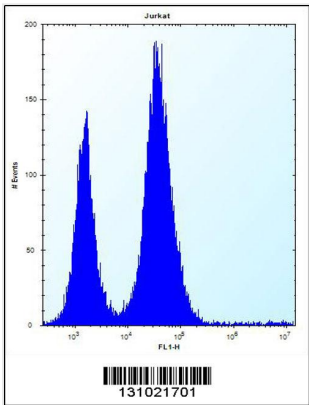
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286079	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

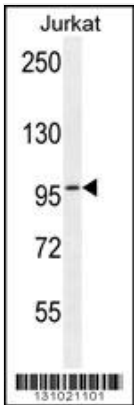
RBL2; Polyclonal Antibody; RBL2 Antibody (N-term); Retinoblastoma-like protein 2; 130 kDa retinoblastoma-associated protein; p130; Retinoblastoma-related protein 2; RBR-2; pRb2; RB2; anti-RBL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RBL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-194 amino acids from the N-terminal region of human RBL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	165-194
Sequence Length	1139
Applicable Applications for anti-RBL2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RBL2 Antibody (N-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
RBL2 Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the RBL2 antibody detected the RBL2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RBL2 antibody	RBL2 is a key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. RBL2 may act as a tumor suppressor.
Product Categories/Family for anti-RBL2 antibody	Cancer; Cell biology
References	Schaffer, B.E., et al. Cancer Res. 70(10):3877-3883(2010) Barrow-Laing, L., et al. Virology 400(2):233-239(2010) Lu, F., et al. J. Virol. 84(6):2697-2706(2010) Jowett, J.B., et al. Diabetes 59(3):726-732(2010) Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072597
NCBI GeneID	5934
NCBI Accession #	NP_005602.3
NCBI GenBank Nucleotide #	NM_005611.3
UniProt Accession #	Q08999; Q15073; Q16084; Q8NE70; Q92812; B7Z913
Molecular Weight	128367
NCBI Official Full Name	retinoblastoma-like protein 2
NCBI Official Synonym Full Names	retinoblastoma-like 2
NCBI Official Symbol	RBL2
NCBI Official Synonym Symbols	Rb2; P130
NCBI Protein Information	retinoblastoma-like protein 2
UniProt Protein Name	Retinoblastoma-like protein 2

UniProt Gene Name	RBL2
UniProt Synonym Gene Names	RB2; p130; RBR-2
UniProt Entry Name	RBL2_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://www.aaabiotech.com/polyclonal/rbl2-antibody-flow-cytometry-western-blot-elisa/286079>