

Rabbit anti-Human RBL1 Polyclonal Antibody | anti-RBL1 antibody

Anti-RBL1 Antibody, Rabbit Polyclonal

CATALOG # AAA256413	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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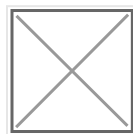
PRODUCT SYNONYMS

RBL1; Polyclonal Antibody; Anti-RBL1 Antibody; Rabbit Polyclonal; RBL1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CP107 Antibody; Anti-p107 Antibody; Anti-PRB1 Antibody; anti-RBL1 antibody

PRODUCT SPECIFICATIONS

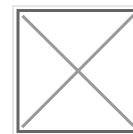
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RBL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RBL1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human RBL1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RBL1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of RBL1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human RBL1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and cytoplasm.



WB (Western Blot)

Anti-RBL1 rabbit polyclonal antibody at 1:500 dilution Lane A: U-251 MG Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 121 kDa Observed band size: 121 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RBL1 antibody	RBL1 (RB Transcriptional Corepressor Like 1) is a Protein Coding gene. The RBL1 gene, located on 20q11.23, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, A.thaliana, rice, and frog. The protein encoded by this gene is similar in sequence and possibly function to the product of the retinoblastoma 1 (RB1) gene. 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. Also, both proteins can inhibit the transcription of cell cycle genes containing E2F binding sites in their promoters. RB1 is widely expressed in the lymph node, bone marrow, and other tissues. Diseases associated with RBL1 include Retinoblastoma and Bilateral Retinoblastoma.
References	Pentimalli F, et al. (2018) Rbl2/p130 is a direct akt target and is required to induce apoptosis upon akt inhibition in lung cancer and mesothelioma cell lines. Oncogene 37 (27): 3657-3671.D'Angelo B, et al. (2017) Lps-induced inflammatory response triggers cell cycle reactivation in murine neuronal cells through retinoblastoma proteins induction. Cell Cycle 16 (24): 2330-2336.Bhattacharya D, et al. (2017) Decreased transcriptional corepressor p107 is associated with exercise-induced mitochondrial biogenesis in human skeletal muscle. Physiol Rep 5 (5): e13155.

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/rbl1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/256413>