

Rabbit anti-Human RHEBL1 Polyclonal Antibody | anti-RHEBL1 antibody

Anti-RHEBL1 Antibody, Rabbit Polyclonal

CATALOG # AAA254630	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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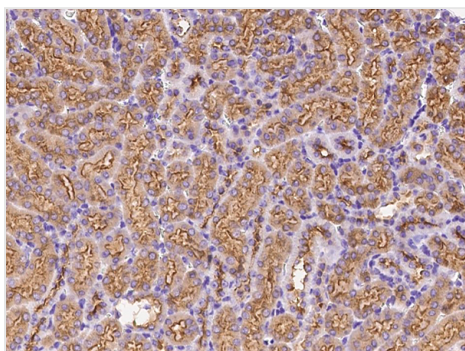
PRODUCT SYNONYMS

RHEBL1; Polyclonal Antibody; Anti-RHEBL1 Antibody; Rabbit Polyclonal; RHEBL1 Antibody; Rabbit PAb; Antigen Affinity Purified; Ras homolog enriched in brain like 1; Anti-RHEBL1c Antibody; anti-RHEBL1 antibody

PRODUCT SPECIFICATIONS

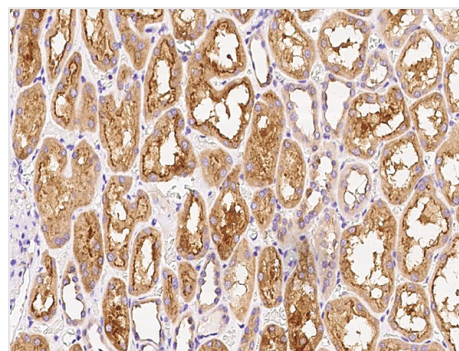
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RHEBL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RHEBL1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human RHEBL1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human RHEBL1, 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



IHC (Immunohistochemistry)

Immunochemical staining of human RHEBL1 in mouse kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RHEBL1 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RHEBL1 antibody	RHEBL1 (RHEB Like 1, also known as RHEBL1c) is a Protein Coding gene. The RHEBL1 gene, located on 12q13.12, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, and frog. RHEBL1 binds GTP and exhibits intrinsic GTPase activity, and may activate NF-kappa-B-mediated gene transcription. RHEBL1 also promotes signal transduction through MTOR, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2. Activation of mTORC1 by both Rheb and RhebL1 is impaired by FKBP38. Diseases associated with RHEBL1 include Lymphangioleiomyomatosis and Acrocapitofemoral Dysplasia. Among its related pathways are AMP-activated Protein Kinase (AMPK) Signaling. 159 organisms have orthologs with the human gene RHEBL1.
Product Categories/Family for anti-RHEBL1 antibody	AMPK Signaling Pathway
References	Yuan J, et al. (2005) Identification and characterization of rhebl1, a novel member of ras family, which activates transcriptional activities of nf-kappa b. Mol Biol Rep 32 (4): 205-214.Sato T, et al. (2015) Rheb protein binds cad (carbamoyl-phosphate synthetase 2, aspartate transcarbamoylase, and dihydroorotase) protein in a gtp-and effector domain-dependent manner and influences its cellular localization and carbamoyl-phosphate synthetase (cpsase) activity. J Biol Chem 290 (2): 1096-1105.Bonneau A, et al. (2012) Effects of rhebl1 silencing on the mtor pathway. Mol Biol Rep 39 (3): 2129-2137.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21389385
NCBI GeneID	121268
NCBI Accession #	NP_653194.1
NCBI GenBank Nucleotide #	NM_144593.1
UniProt Accession #	Q8TAI7; Q56VH8
Molecular Weight	20,682 Da
NCBI Official Full Name	GTPase RhebL1
NCBI Official Synonym Full Names	Ras homolog enriched in brain like 1
NCBI Official Symbol	RHEBL1
NCBI Official Synonym Symbols	RHEBL1c
NCBI Protein Information	GTPase RhebL1; rheb2; rheb-like protein 1; Ras homolog enriched in brain like 1 c; ras homolog enriched in brain like-1 c; ras homolog enriched in brain-like protein 1
UniProt Protein Name	GTPase RhebL1
UniProt Gene Name	RHEBL1
UniProt Synonym Gene Names	RhebL1c; Rheb-like protein 1
UniProt Entry Name	REBL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/rheb1-antibody-immunohistochemistry-elisa/254630>