

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

RHEBL1 Antibody

CATALOG # AAA308482	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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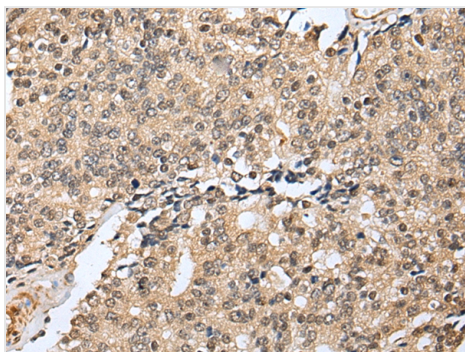
PRODUCT SYNONYMS

RHEBL1; Polyclonal Antibody; RHEBL1 Antibody; RHEBL1c; anti-RHEBL1 antibody

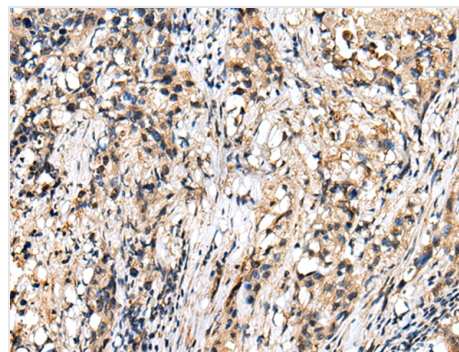
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RHEBL1 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6 mg/ml (varies by lot)
Sequence Length	181
Applicable Applications for anti-RHEBL1 antibody	IHC (Immunohistochemistry)
Immunogen	Fusion protein of human RHEBL1
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/25.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

Related Product Information for anti-RHEBL1 antibody	RhebL1 (ras homolog enriched in brain-like protein 1), also known as Rheb2 or GTPase RhebL1, is a 183 amino acid protein that belongs to the small GTPase superfamily and Rheb family. Localizing to the cell membrane as well as the cytoplasm, RhebL1 is ubiquitously expressed and is increased two-fold in many tumor cell lines. RhebL1 exhibits GTPase activity and may activate NF-kappa-B-mediated gene transcription. Regulating the activity of Rictor, RhebL1 also promotes signal transduction. RhebL1 exists as two alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 12q13.12 and mouse chromosome 15 F1. Human chromosome 12 encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders. Binds GTP and exhibits intrinsic GTPase activity. May activate NF-kappa-B-mediated gene transcription. Promotes signal transduction through MTOR, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2.
Product Categories/Family for anti-RHEBL1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	734520292
NCBI GeneID	121268
NCBI Accession #	NP_001290055.1
NCBI GenBank Nucleotide #	NM_001303126.1
UniProt Accession #	Q8TAI7; Q56VH8
Molecular Weight	8,176 Da
NCBI Official Full Name	GTPase RhebL1 isoform 2
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rheb1-antibody-immunohistochemistry-elisa/308482>