

RHEBL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12804a**Specification**

RHEBL1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8TAI7
Other Accession	NP_653194.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20682
Antigen Region	17-45

RHEBL1 Antibody (N-term) - Additional Information**Gene ID** 121268**Other Names**

GTPase RhebL1, Ras homolog enriched in brain like-1 c, RhebL1c, Ras homolog enriched in brain-like protein 1, Rheb-like protein 1, Rheb2, RHEBL1

Target/Specificity

This RHEBL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human RHEBL1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RHEBL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RHEBL1 Antibody (N-term) - Protein Information**Name** RHEBL1

Function Binds GTP and exhibits intrinsic GTPase activity (By similarity). May activate NF-kappa-B-mediated gene transcription (PubMed:[16328882](#)). Promotes signal transduction through MTOR, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2.

Cellular Location

Endomembrane system; Lipid-anchor; Cytoplasmic side Cytoplasm

Tissue Location

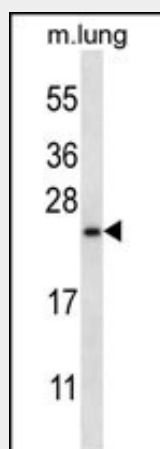
Ubiquitously expressed. Expression increased at least 2-fold in several tumor cell lines.

RHEBL1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RHEBL1 Antibody (N-term) - Images



RHEBL1 Antibody (N-term) (Cat. #AP12804a) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the RHEBL1 antibody detected the RHEBL1 protein (arrow).

RHEBL1 Antibody (N-term) - Background

RHEBL1 binds GTP and exhibits intrinsic GTPase activity. May activate NF-kappa-B-mediated gene transcription. Promotes signal transduction through FRAP1, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2.

RHEBL1 Antibody (N-term) - References

Yuan, J., et al. Mol. Biol. Rep. 32(4):205-214(2005)
Tee, A.R., et al. FEBS Lett. 579(21):4763-4768(2005)
Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)

Tabancay, A.P. Jr., et al. J. Biol. Chem. 278(41):39921-39930(2003)