

RHEBL1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12804a**Specification**

RHEBL1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q8TAI7](#)**RHEBL1 Antibody (N-term) Blocking peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RHEBL1 Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RHEBL1 Antibody (N-term) Blocking peptide - Images

RHEBL1 Antibody (N-term) Blocking peptide - 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) Blocking peptide - 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)