

Rabbit RHEB Polyclonal Antibody | anti-RHEB antibody

RHEB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285296	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

RHEB; Polyclonal Antibody; RHEB Antibody (C-term); GTP-binding protein Rheb; Ras homolog enriched in brain; RHEB2; anti-RHEB antibody

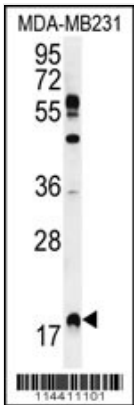
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RHEB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-134 amino acids from the C-terminal region of human RHEB.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	104-134
Sequence Length	184
Applicable Applications for anti-RHEB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
RHEB Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RHEB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RHEB Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the RHEB antibody detected the RHEB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RHEB antibody	This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway. The protein has GTPase activity and shuttles between a GDP-bound form and a GTP-bound form, and farnesylation of the protein is required for this activity. Three pseudogenes have been mapped, two on chromosome 10 and one on chromosome 22.
Product Categories/Family for anti-RHEB antibody	Cancer; Metabolism; Signal Transduction
References	Zheng, H., et al. Cancer Lett. 297(1):117-125(2010) Kim, H.W., et al. Mol. Cell. Biol. 30(22):5406-5420(2010) Karassek, S., et al. J. Biol. Chem. 285(44):33979-33991(2010) Wagner, R.J., et al. Am. J. Physiol., Cell Physiol. 299 (1), C119-C127 (2010) : Lu, Z.H., et al. Cancer Res. 70(8):3287-3298(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032041
NCBI GeneID	6009
NCBI Accession #	NP_005605.1
NCBI GenBank Nucleotide #	NM_005614.3
UniProt Accession #	Q15382; Q53Y56; Q99444; B3KWN6; D3DX13
Molecular Weight	20497
NCBI Official Full Name	GTP-binding protein Rheb
NCBI Official Synonym Full Names	Ras homolog enriched in brain
NCBI Official Symbol	RHEB
NCBI Official Synonym Symbols	RHEB2
NCBI Protein Information	GTP-binding protein Rheb

UniProt Protein Name	GTP-binding protein Rheb
UniProt Gene Name	RHEB
UniProt Synonym Gene Names	RHEB2
UniProt Entry Name	RHEB_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/rheb-antibody-immunohistochemistry-western-blot-elisa/285296>