

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

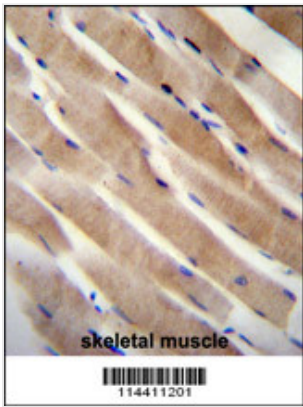
PRODUCT SYNONYMS

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

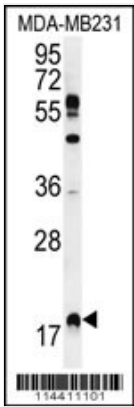
PRODUCT SPECIFICATIONS

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 (Immunohistochemistry)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rheb-antibody-immunohistochemistry-western-blot-elisa/285296>