

Product datasheet for **TA342253**

RHEB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RHEB antibody: synthetic peptide directed towards the middle region of human RHEB. Synthetic peptide located within the following region: VGKVVQIPIMLVGNKKDLHMERSVISYEEGKALAESWNAAFLESSAKENQTA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	Ras homolog enriched in brain
Database Link:	NP_005605 Entrez Gene 6009 Human Q15382



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Background: 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. [provided by RefSeq, Jul 2008]

Synonyms: RHEB2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Goat: 93%; Zebrafish: 93%

Protein Pathways: Insulin signaling pathway, mTOR signaling pathway

Product images:



WB Suggested Anti-RHEB Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Muscle