

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:

VGKVQIPIMLVGNKKDLHMERVISYEEGKALAESWNAAFLESSAKENQTA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

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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RHEB Rabbit Polyclonal Antibody - TA342253

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 GTP 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

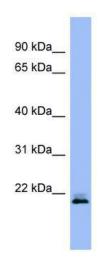
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

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