

Product datasheet for TA335065

RHOB 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-RHOB antibody: synthetic peptide directed towards the middle

region of human RHOB. Synthetic peptide located within the following region:

CPNVPIILVANKKDLRSDEHVRTELARMKQEPVRTDDGRAMAVRIQAYDY

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.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 22 kDa

Gene Name: ras homolog family member B

Database Link: NP 004031

Entrez Gene 388 Human

P62745



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RHOB Rabbit Polyclonal Antibody - TA335065

Background: RHOB mediates apoptosis in neoplastically transformed cells after DNA damage.RHOB is not

essential for development but affects cell adhesion and growth factor signaling in transformed cells.RHOB plays a negative role in tumorigenesis as deletion causes tumor formation. RHOB is involved in intracellular protein trafficking of a number of proteins.RHOB

targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes.RHOB is also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development.

Synonyms: ARH6; ARHB; MST081; MSTP081; RHOH6

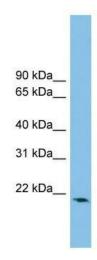
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%;

Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 79%; Zebrafish: 79%;

Guinea pig: 79%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-RHOB Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Human Placenta