

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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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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:	ARHG; 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