

Rabbit ARHB Polyclonal Antibody | anti-RHOB antibody

ARHB Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287760	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

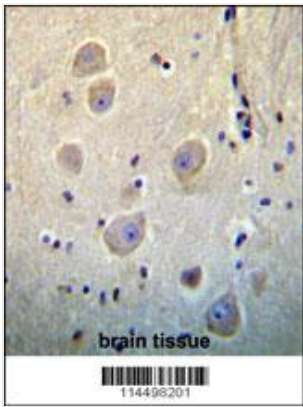
PRODUCT SYNONYMS

ARHB; Polyclonal Antibody; ARHB Antibody (Center); Rho-related GTP-binding protein RhoB; Rho cDNA clone 6; h6; RHOB; ARH6; anti-RHOB antibody

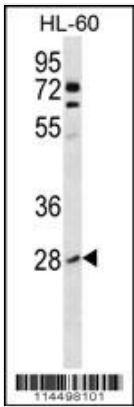
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-137 amino acids from the Central region of human ARHB.
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	104-137
Sequence Length	196
Applicable Applications for anti-RHOB 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 (Immunohiostchemistry)
ARHB Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ARHB Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ARHB Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the ARHB antibody detected the ARHB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RHOB antibody	ARHB mediates apoptosis in neoplastically transformed cells after DNA damage. Not essential for development but affects cell adhesion and growth factor signaling in transformed cells. Plays a negative role in tumorigenesis as deletion causes tumor formation. Involved in intracellular protein trafficking of a number of proteins. Targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes. Also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development.
Product Categories/Family for anti-RHOB antibody	Cancer; Signal Transduction
References	Adly, M.A., et al. J. Cutan. Pathol. 37(7):751-757(2010) Connolly, E.C., et al. Mol. Cancer Res. 8(5):691-700(2010) Zintzaras, E., et al. Am. J. Epidemiol. 171(8):851-858(2010) Kim, C.H., et al. Biochem. Biophys. Res. Commun. 391(2):1182-1186(2010) Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757764
NCBI GeneID	388
NCBI Accession #	NP_004031.1
NCBI GenBank Nucleotide #	NM_004040.3
UniProt Accession #	P62745; P01121; Q5U0H6; Q7RTN5; Q7RTR9; Q9CUV7; B2R692
Molecular Weight	22123
NCBI Official Full Name	rho-related GTP-binding protein RhoB
NCBI Official Synonym Full Names	ras homolog family member B
NCBI Official Symbol	RHOB
NCBI Official Synonym Symbols	ARH6; ARHB; RHOH6; MST081; MSTP081
NCBI Protein Information	rho-related GTP-binding protein RhoB
UniProt Protein Name	Rho-related GTP-binding protein RhoB
UniProt Gene Name	RHOB

UniProt Synonym Gene Names	ARH6; ARHB; h6
UniProt Entry Name	RHOB_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/arhb-antibody-immunohistochemistry-western-blot-elisa/287760>