

Rabbit RHOBTB1 Polyclonal Antibody | anti-RHOBTB1 antibody

RHOBTB1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199012	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

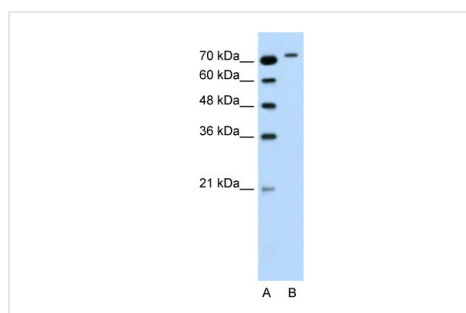
PRODUCT SYNONYMS

RHOBTB1; Polyclonal Antibody; RHOBTB1 antibody - middle region; anti-RHOBTB1 antibody

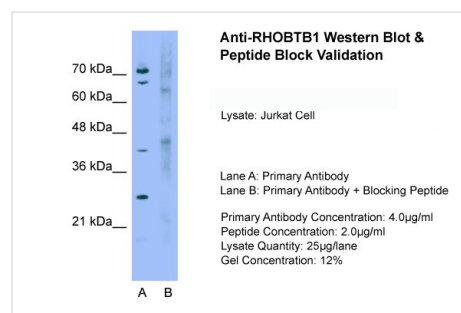
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DN QEYFERHRWP PVWYLKEEDH YQRVKREK EDIALNKHRS RRKWCFWN
Sequence Length	696
Applicable Applications for anti-RHOBTB1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 79%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RHOBTB1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

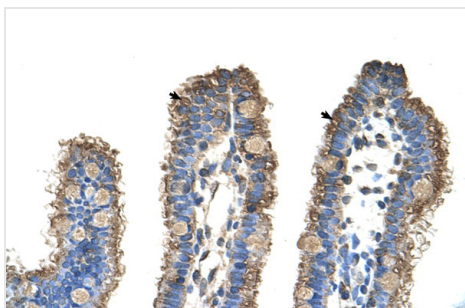


WB (Western Blot)

WB Suggested Anti-RHOBTB1 Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: RHOBTB1
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 4.0ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%



IHC (Immunohistochemistry)

Rabbit Anti-RHOBTB1 Antibody
Paraffin Embedded Tissue: Human Intestine
Cellular Data:
Epithelial cells of intestinal villi
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-RHOBTB1 antibody	This is a rabbit polyclonal antibody against RHOBTB1. It was validated on Western Blot and immunohistochemistry Target Description: RHOBTB1 belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate transcriptional splice variants have been characterized.
Product Categories/Family for anti-RHOBTB1 antibody	Polyclonal; Lymphocyte Signaling; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	28629866
NCBI GeneID	9886
NCBI Accession #	NP_055651
NCBI GenBank Nucleotide #	NM_014836
UniProt Accession #	O94844
Molecular Weight	77kDa
NCBI Official Full Name	rho-related BTB domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	Rho related BTB domain containing 1
NCBI Official Symbol	RHOBTB1
NCBI Protein Information	rho-related BTB domain-containing protein 1
UniProt Protein Name	Rho-related BTB domain-containing protein 1
UniProt Gene Name	RHOBTB1
UniProt Synonym Gene Names	KIAA0740
UniProt Entry Name	RHBT1_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.