

Rabbit RUVBL1 Polyclonal Antibody | anti-RUVBL1 antibody

RUVBL1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197342	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

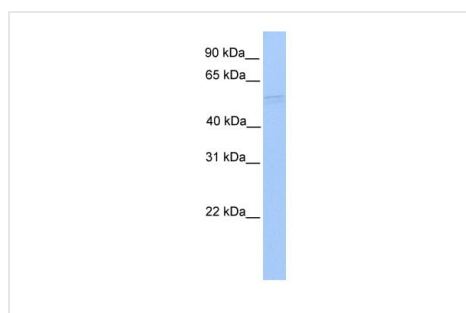
PRODUCT SYNONYMS

RUVBL1; Polyclonal Antibody; RUVBL1 antibody - N-terminal region; anti-RUVBL1 antibody

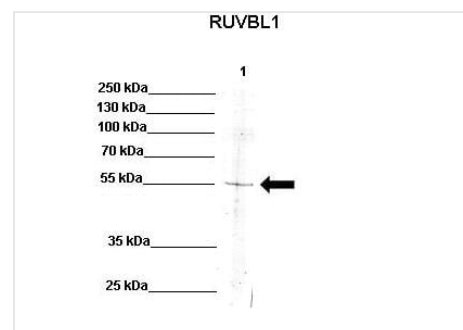
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, 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: KIEEVKSTTKTQRIASHSHVKG LGLDESLAK QAASGLVGQE NAREACGV
Sequence Length	456
Applicable Applications for anti-RUVBL1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 77%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RUVBL1
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.

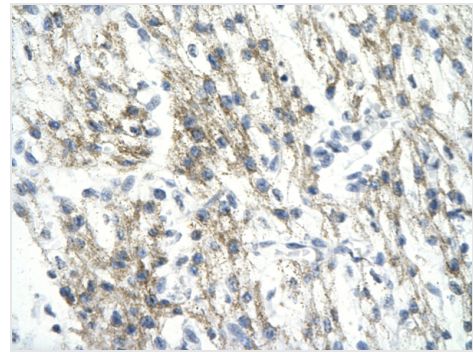
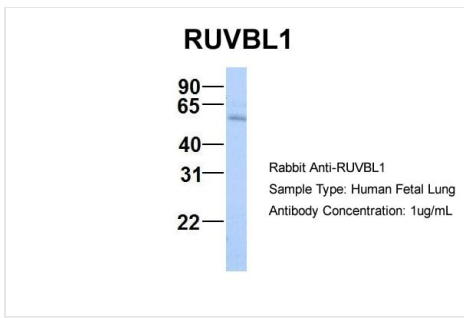
IMAGES


WB (Western Blot)

WB Suggested Anti-RUVBL1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart


WB (Western Blot)

WB Suggested Anti-RUVBL1 Antibody Positive Control: Lane 1: 30ug K562 lysate Primary Antibody Dilution : 1:200 Secondary Antibody : Anti-rabbit-HRP Secondary Antibody Dilution : 1:1000 Submitted by: Sustackova Gabriela



WB (Western Blot)

Host: Rabbit
Target Name: RUVBL1
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

IHC (Immunohistochemistry)

Rabbit Anti-RUVBL1 antibody
Paraffin Embedded Tissue: Human Heart cell
Cellular Data: cardiac cell of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-RUVBL1 antibody	This is a rabbit polyclonal antibody against RUVBL1. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: RUVBL1 possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. It is the component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. RUVBL1 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex.
Product Categories/Family for anti-RUVBL1 antibody	Polyclonal ; Transcription Regulation ; Chromatin & Nuclear Signaling ; DNA Damage & Repair ; WNT Signaling ; DNA Repair ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506753
NCBI GeneID	8607
NCBI Accession #	NP_003698
NCBI GenBank Nucleotide #	NM_003707
UniProt Accession #	Q9Y265
Molecular Weight	50kDa
NCBI Official Full Name	ruvB-like 1 isoform 1
NCBI Official Synonym Full Names	RuvB like AAA ATPase 1
NCBI Official Symbol	RUVBL1
NCBI Official Synonym Symbols	RVB1; TIH1; ECP54; TIP49; ECP-54; INO80H; NMP238; PONTIN; TIP49A; NMP 238; Pontin52
NCBI Protein Information	ruvB-like 1
UniProt Protein Name	RuvB-like 1
UniProt Gene Name	RUVBL1
UniProt Synonym Gene Names	INO80H; NMP238; TIP49; TIP49A; 49 kDa TBP-interacting protein; ECP-54; NMP 238; TAP54-alpha
UniProt Entry Name	RUVB1_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://stage.aaabiotech.com/polyclonal/ruvbl1-antibody-western-blot-elisa/197342>