

Rabbit anti-Human RUVBL1 Polyclonal Antibody | anti-RUVBL1 antibody

Anti-RUVBL1 Antibody, Rabbit Polyclonal

CATALOG # AAA259432	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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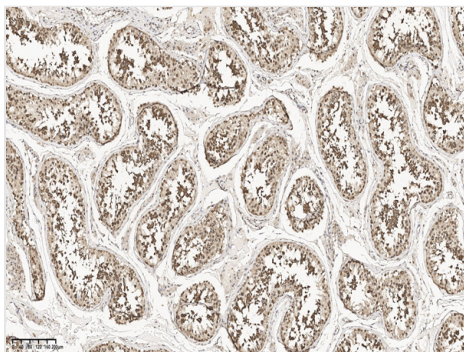
PRODUCT SYNONYMS

RUVBL1; Polyclonal Antibody; Anti-RUVBL1 Antibody; Rabbit Polyclonal; RUVBL1 Antibody; Rabbit PAb; Antigen Affinity Purified; RuvB-like AAA ATPase 1; Anti-ECP-54 Antibody; Anti-ECP54 Antibody; Anti-INO80H Antibody; Anti-NMP 238 Antibody; Anti-NMP238 Antibody; Anti-PONTIN Antibody; Anti-Pontin52 Antibody; Anti-RVB1 Antibody; Anti-TIH1 Antibody; Anti-TIP49 Antibody; Anti-TIP49A Antibody; anti-RUVBL1 antibody

PRODUCT SPECIFICATIONS

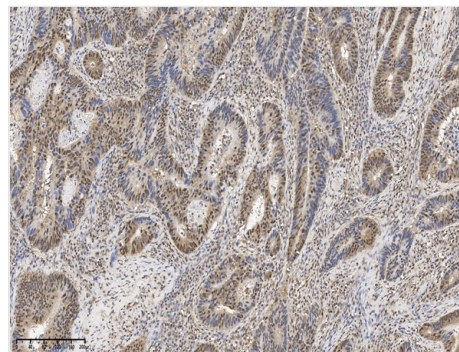
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RUVBL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-RUVBL1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human RUVBL1 Protein (Q9Y265-1; Met1-Lys456). RUVBL1 specific IgG was purified by Human RUVBL1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human RUVBL1 in human testis with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RUVBL1 in human carcinoma of sigmoid with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RUVBL1 antibody	RUVBL1, also known as RVB1, is a component of the NuA4 histone acetyltransferase complex and belongs to the RuvB family. RUVBL1 is ubiquitously expressed with high expression in heart, skeletal muscle and testis. It possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. RUVBL1 is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. RUVBL1 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex. It also is essential for cell proliferation. RUVBL1 may be able to bind plasminogen at cell surface and enhance plasminogen activation.
References	Baue. A. e. al. (1998). Pontin52. a. interactio. partne. o. beta-catenin. bind. t. th. TAT. bo. bindin. protein. Pro. Nat. Aca. Sci. 95(25):14787-92.Ewing. e. al. (2007). Large-scal. mappin. o. huma. protein-protei. interaction. b. mas. spectrometry. Mo. Sys. Biol. 3(1):89.Pur. T. e. al. (2007). Dodecameri. structur. an. ATPas. activit. o. th. huma. TIP48/TIP4. complex. . Mo. Biol. 366(1):179-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276633
NCBI GeneID	8607
NCBI Accession #	NP_003698.1
NCBI GenBank Nucleotide #	NM_003707
UniProt Accession #	Q9Y265; P82276; Q1KMR0; Q53HK5; Q53HL7; Q53Y27; Q9BSX9; B2R5S0
Molecular Weight	42,127 Da
NCBI Official Full Name	Homo sapiens RuvB-like AAA ATPase 1 (RUVBL1), mRNA
NCBI Official Synonym Full Names	RuvB-like AAA ATPase 1
NCBI Official Symbol	RUVBL1
NCBI Official Synonym Symbols	RVB1; TIH1; ECP54; TIP49; INO80H; NMP238; PONTIN; TIP49A; Pontin52
NCBI Protein Information	ruvB-like 1; 49 kDa TATA box-binding protein-interacting protein; 49 kDa TBP-interacting protein; 54 kDa erythrocyte cytosolic protein; ECP-54; INO80 complex subunit H; NMP 238; RuvB (E coli homolog)-like 1; TAP54-alpha; TATA binding protein interacting p
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.