

Rabbit RUNX1T1 Polyclonal Antibody | anti-RUNX1T1 antibody

RUNX1T1 antibody - middle region

CATALOG # AAA200782	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RUNX1T1; Polyclonal Antibody; RUNX1T1 antibody - middle region; anti-RUNX1T1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, 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: RQ CNLQQFIQQT GAALPPPPRP DRGPPGTQGP LPPAREESLL GAPSESHA
Sequence Length	577
Applicable Applications for anti-RUNX1T1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 86%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RUNX1T1
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-RUNX1T1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: 293T cell lysate



IHC (Immunohistochemistry)

RUNX1T1 antibody - middle region
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Nucleus in hepatocytes
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RUNX1T1 antibody	This is a rabbit polyclonal antibody against RUNX1T1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: RUNX1T1 is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by this gene is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. Several transcript variants encoding multiple isoforms have been found for this gene.
Product Categories/Family for anti-RUNX1T1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Various; Epigenetics; Pathways In Cancer; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757916
NCBI GeneID	862
NCBI Accession #	NP_004340
NCBI GenBank Nucleotide #	NM_004349
UniProt Accession #	B2R6I9; Q06455
Molecular Weight	64kDa
NCBI Official Full Name	protein CBFA2T1 isoform A
NCBI Official Synonym Full Names	RUNX1 translocation partner 1
NCBI Official Symbol	RUNX1T1
NCBI Official Synonym Symbols	CDR; ETO; MTG8; AML1T1; ZMYND2; CBFA2T1; AML1-MTG8
NCBI Protein Information	protein CBFA2T1

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/runx1t1-antibody-immunohistochemistry-western-blot-elisa/200782>