

Rabbit Runt-related transcription factor 1 Polyclonal Antibody | anti-RUNX1 antibody

Anti-RUNX1/AML1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46058	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

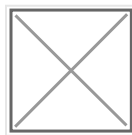
PRODUCT SYNONYMS

Runt-related transcription factor 1; Polyclonal Antibody; Anti-RUNX1/AML1 Antibody; Acute myeloid leukemia 1 antibody; Acute myeloid leukemia 1 protein antibody; alpha subunit antibody; alpha subunit core binding factor antibody; AML 1 antibody; AML1 antibody; AML1 EVI 1 antibody; AML1 EVI 1 fusion protein antibody; Aml1 oncogene antibody; AMLCR 1 antibody; AMLCR1 antibody; CBF alpha 2 antibody; CBF-alpha-2 antibody; CBFA 2 antibody; CBFA2 antibody; Core binding factor alpha 2 subunit antibody; Core binding factor runt domain alpha subunit 2 antibody; Core-binding factor subunit alpha-2 antibody; EVI 1 antibody; EVI1 antibody; Oncogene AML 1 antibody; Oncogene AML-1 antibody; OTTHUMP00000108696 antibody; OTTHUMP00000108697 antibody; OTTHUMP00000108699 antibody; OTTHUMP00000108700 antibody; OTTHUMP00000108702 antibody; PEA2 alpha B antibody; PEA2-alpha B antibody; PEBP2 alpha B antibody; PEBP2-alpha B antibody; PEBP2A2 antibody; PEBP2aB antibody; Polyomavirus enhancer binding protein 2 alpha B subunit antibody; Polyomavirus enhancer-binding protein 2 alpha B subunit antibody; Run1 antibody; Runt related transcription factor 1 antibody; Runt-related transcription factor 1 antibody; RUNX 1 antibody; Runx1 antibody; RUNX1_HUMAN antibody; SL3 3 enhancer factor 1 alpha B subunit antibody; SL3-3 enhancer factor 1 alpha B subunit antibody; SL3/AKV core binding factor alpha B subunit antibody; SL3/AKV core-binding factor alpha B subunit antibody; runt-related transcription factor 1; anti-RUNX1 antibody

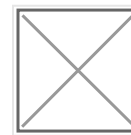
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Sequence Length	453
Applicable Applications for anti-RUNX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human RUNX1(200-233aa ELEQLRRRTAMRVSPHHAPTNPASLNHSTAFN), identical to the related mouse and rat sequences.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-RUNX1/AML1 Picoband antibody, AAA46058-4.JPG IHC(P): Mouse Intestine Tissue



IHC (Immunohistochemistry)
Anti-RUNX1/AML1 Picoband antibody, AAA46058-3.JPG IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)

Anti-RUNX1/AML1 Picoband antibody, AAA46058-2.JPGIHC(P): Rat Thymus Tissue



Application Data

Anti-RUNX1/AML1 Picoband antibody, AAA46058-1.jpgAll lanes: Anti RUNX1 (AAA46058) at 0.5ug/mlWB: Recombinant Human RUNX1 Protein 0.5ngPredicted bind size: 50KDObserved bind size: 50KD

ADDITIONAL INFORMATION

Related Product Information for anti-RUNX1 antibody

Description: Rabbit IgG polyclonal antibody for Runt-related transcription factor 1(RUNX1) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Background: Runt-related transcription factor 1 (RUNX1), also known as AML1 or CBFA2, is a protein that in humans is encoded by the RUNX1 gene. It belongs to the Runt-related transcription factor (RUNX) family of genes which are also called core binding factor-alpha (CBFalpha). RUNX1 is mapped to 21q22.12. RUNX1 is a transcription factor that regulates the differentiation of hematopoietic stem cells into mature blood cells. RUNX proteins form a heterodimeric complex with CBFbeta which confers increased DNA binding and stability to the complex. Chromosomal translocations involving the RUNX1 gene are associated with several types of leukemia including M2 AML. Mutations in RUNX1 are implicated in cases of breast cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49574546
NCBI GeneID	861
NCBI Accession #	NP_001001890.1
NCBI GenBank Nucleotide #	NM_001001890.2
UniProt Accession #	Q01196; O60472; O60473; O76047; O76089; Q13081; Q13755; Q13756; Q13757; A8MV94; B2RMS4; D3DSG1
Molecular Weight	37,733 Da
NCBI Official Full Name	runt-related transcription factor 1 isoform AML1b
NCBI Official Synonym Full Names	runt-related transcription factor 1
NCBI Official Symbol	RUNX1
NCBI Official Synonym Symbols	AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; AML1-EVI-1
NCBI Protein Information	runt-related transcription factor 1; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; AML1-EVI-1 fusion protein; acute myeloid leukemia 1 protein; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; core-binding factor, runt domain, alpha subunit 2; polyomavirus enhancer-binding protein 2 alpha B subunit
UniProt Protein Name	Runt-related transcription factor 1
UniProt Gene Name	RUNX1
UniProt Synonym Gene Names	AML1; CBFA2; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B
UniProt Entry Name	RUNX1_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/runt-related-transcription-factor-1-antibody-immunohistochemistry-western-blot-elisa/46058>