

Rabbit anti-Human MLLT6 Polyclonal Antibody | anti-MLLT6 antibody

MLLT6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288609	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

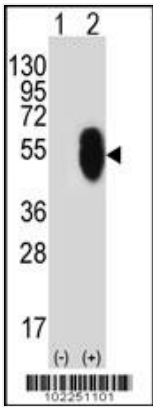
PRODUCT SYNONYMS

MLLT6; Polyclonal Antibody; MLLT6 Antibody (C-term); Protein AF-17; ALL1-fused gene from chromosome 17 protein; AF17; anti-MLLT6 antibody

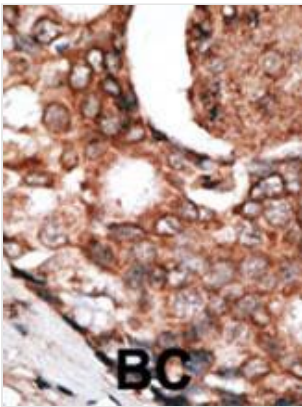
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLLT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1056-1086 amino acids from the C-terminal region of human MLLT6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1056-1086
Sequence Length	1093
Applicable Applications for anti-MLLT6 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of MLLT6 (arrow) using rabbit polyclonal MLLT6 Antibody (E1071). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MLLT6 gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-MLLT6 antibody	Band 11q23 chromosome locations are associated with approximately 10% of patients with acute lymphoblastic leukemia (ALL) and more than 5% of patients with acute myeloid leukemia (AML). 11q23 translocation associated leukemias typically jointly express lymphoid and myeloid markers and exhibit poor prognosis. The gene at 11q23 involved in the translocations is known by multiple names, including ALL1, HRX, MLL, and TRX1. One of the more infrequent translocations, t(11;17)(q23;q21), MLLT6, encodes a protein of 1,093 amino acids, containing a leucine-zipper dimerization motif 3-prime to the fusion point and a cysteine-rich domain at the end terminus that can be arranged in 3 zinc fingers. MMLT6 contains amino acid runs associated with domains involved in transcriptional repression or activation. It has been proposed that MLLT6 represses truncated ALL1 function or inhibits function of the normal protein in leukemic cells.
References	Prasad, R., et al., Proc. Natl. Acad. Sci. U.S.A. 91(17):8107-8111 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	57222568
NCBI GeneID	4302
NCBI Accession #	NP_005928.2
NCBI GenBank Nucleotide #	NM_005937.3
UniProt Accession #	P55198; Q59F28; Q96IU3; Q9H5F6; Q9UF49
Molecular Weight	112076
NCBI Official Full Name	protein AF-17
NCBI Official Synonym Full Names	myeloid/lymphoid or mixed-lineage leukemia; translocated to, 6
NCBI Official Symbol	MLLT6
NCBI Official Synonym Symbols	AF17
NCBI Protein Information	protein AF-17
UniProt Protein Name	Protein AF-17
UniProt Gene Name	MLLT6
UniProt Synonym Gene Names	AF17

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://www.aaabiotech.com/polyclonal/mlt6-antibody-western-blot-immunohistochemistry-elisa/288609>