

Datasheet for ABIN390126

anti-MLLT1 antibody (C-Term)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	MLLT1
Binding Specificity:	AA 523-552, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLLT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MLLT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 523-552 amino acids from the C-terminal region of human MLLT1.
Clone:	RB1927-1928
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MLLT1
Alternative Name:	MLLT1 (MLLT1 Products)
Background:	Chromosome band 11q23 is the site of translocations in myeloid and lymphoid acute

Target Details

leukemias, pediatric leukemias, and treatment-induced secondary acute myelogenous leukemia. The translocation breakpoints cluster in a restricted region of the HRX gene resulting in chimeric genes that encode an N-terminal portion of Hrx fused to various partner proteins. Myeloid/lymphoid or mixed-lineage leukemia translocated to 1 (MLLT1) is a nuclear protein with transcriptional transactivation properties that is fused to Hrx in t(11,19) leukemias. The minimal MLLT1 sequence required for transcription activation was narrowed to the C-terminal 90 amino acids.

Molecular Weight: 62056

Gene ID: 4298

NCBI Accession: [NP_005925](#)

UniProt: [Q03111](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:2000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

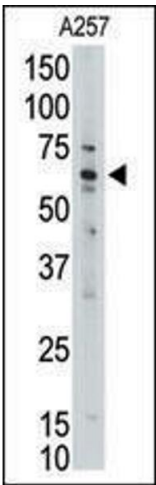
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

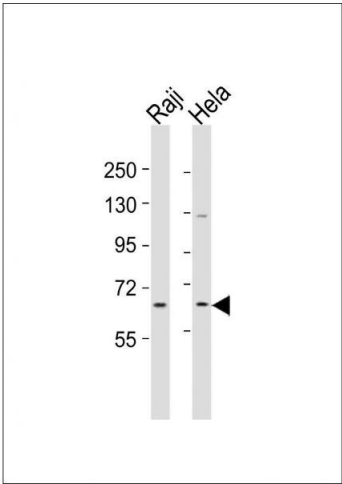
Publications

Product cited in: Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin decreases actin toxicity and inflammation in murine multiple sclerosis." in: **Journal of neuroimmunology**, Vol. 287, pp. 36-42, (2015) ([PubMed](#)).



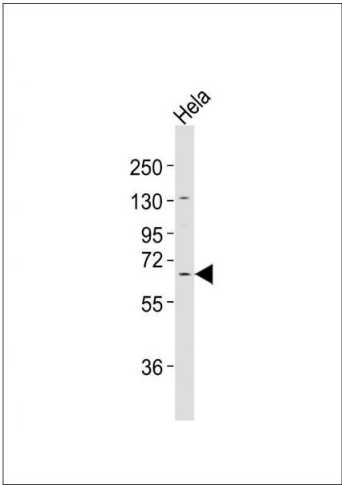
Western Blotting

Image 1. Western blot analysis of anti-MLLT1 Pab (ABIN390126 and ABIN2840632) in cell line lysate (35 µg/lane). MLLT1 (arrow) was detected using the purified Pab.



Western Blotting

Image 2. All lanes : Anti-MLLT1 Antibody at 1:2000 dilution
Lane 1: Raji whole cell lysates Lane 2: HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 62 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-MLLT1 Antibody at 1:2000 dilution + HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 62 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.