

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MLLT3/AF9



Numéro de catalogue: 12825-1-AP

Informations de base

Numéro de catalogue: 12825-1-AP	Numéro d'acquisition GenBank: BC036089	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4300	Dilutions recommandées: WB 1:500-1:1000
Hôte: Lapin	Nom complet: myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	
Isotype: IgG	MW calculé 568 aa, 63 kDa	
Immunogen Catalog Number: AG3528	MW observés: 63-70 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules Jurkat, cellules HL-60
Spécificité de l'espèce: Humain, rat, souris	

Informations générales

MLLT3, also named as AF9, YEATS3, is a 568 amino acid protein, which is a component of the superelongation complex6 and co-operates with DOT1L, which di/trimethylates H3K79 to promote transcription. MLLT3 localizes to active transcription start sites (TSSs) through the YEATS domain, which recognizes active histone marks such as H3K9 acetylation and crotonylation. A truncated MLLT3 that lacks the YEATS domain forms a leukaemic fusion protein with the N terminus of MLL1, which misdirects MLLT3-interacting complexes to induce aberrant gene transcription. MLLT3 also regulates erythroid or megakaryocytic progenitors and was identified as a definitive HSC hub gene during mouse development. Researcher found that the expression of a gene called MLLT3 was closely correlated with blood stem cells'potential to self-renew and that the protein generated by the MLLT3 gene provides blood stem cells with the instructions necessary to maintain its ability to self-renew. It does this by working with other regulatory proteins to keep important parts of the blood stem cell's machinery operational as the cells divide.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

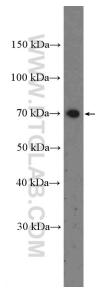
For technical support and original validation data for this product please contact:

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Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 12825-1-AP (MLLT3/AF9) antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.