

RUNX1T1 Monoclonal antibody

Catalog Number: 67086-1-Ig

Basic Information

Catalog Number: 67086-1-Ig	GenBank Accession Number: BC005850	Purification Method: Protein G purification
Size: 150ul , Concentration: 1400 ug/ml by 862 Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 862	CloneNo.: 2G2F7
Source: Mouse	UNIPROT ID: Q06455	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000
Isotype: IgG1	Full Name: runt-related transcription factor 1; translocated to, 1 (cyclin D-related)	
Immunogen Catalog Number: AG7893	Calculated MW: 68 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, pig	WB : Jurkat cells, HEK-293 cells, pig brain tissue, K-562 cells, rat brain tissue, mouse brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse brain tissue,

Background Information

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. Various transcript of the fusion gene has been reported. RUNX1T1 exists some isoforms with MV 68, 67, 64, 48 and 44 kDa. The calculated molecular weight of RUNX1T1 is 67 kDa, but modified RUNX1T1 is about 70-75 kDa.

Storage

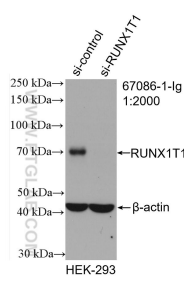
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

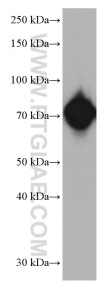
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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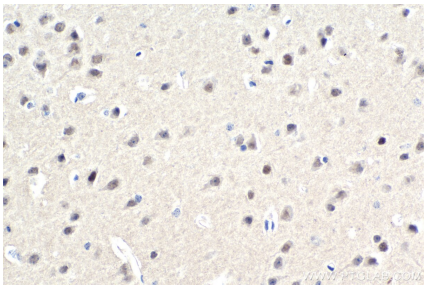
Selected Validation Data



WB result of RUNX1T1 antibody (67086-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RUNX1T1 transfected HEK-293 cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 67086-1-Ig (RUNX1T1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67086-1-Ig (RUNX1T1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).