For Research Use Only

RUNX1T1 Monoclonal antibody, PBS Only

Catalog Number:67086-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67086-1-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG7893

GenBank Accession Number:
BC005850

GeneID (NCBI):
862

UNIPROT ID:
Q06455

Full Name:
runt-related transcription factor 1; translocated to, 1 (cyclin D-related)

Calculated MW:
68 kDa

Observed MW:
70-75 kDa

Purification Method:
Protein G purification

CloneNo.:
2G2F7

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

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 calcualted molecular weight of RUNX1T1 is 67 kDa, but modified RUNX1T1is about 70-75 kDa.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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
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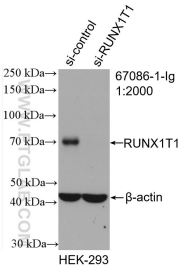
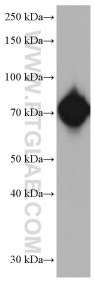
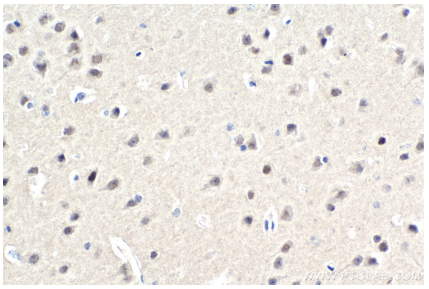
Selected Validation Data



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. This data was developed using the same antibody clone with 67086-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 67086-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67086-1-PBS in a different storage buffer formulation.