

For Research Use Only

CBFA2T2 Polyclonal antibody

Catalog Number: 11336-1-AP

1 Publications



Basic Information

Catalog Number:

11336-1-AP

Size:

150ul, Concentration: 800 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1880

GenBank Accession Number:

BC015066

GeneID (NCBI):

9139

UNIPROT ID:

O43439

Full Name:

core-binding factor, runt domain, alpha subunit 2; translocated to, 2

Calculated MW:

604 aa, 67 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

chIP

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, mouse testis tissue

IHC : human gliomas tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Core-binding factor, runt domain, alpha subunit 2, translocated to 2(CBFA2T2) belongs to a family of ubiquitously expressed transcriptional repressors that interact with transcription factors bound to promoters of target genes and with histone deacetylases (HDACs) critical for enforcement of repressor function. CBFA2T2, also named as MTGR1 or EHT, is an 85-kDa phosphoprotein. It can bind AML1-MTG8 fusion protein in acute myeloid leukemia. The binding leads to an enhancement of cell proliferation mediated in a murine myeloid model. The calculated molecular weight of CBFA2T2 is 67 kDa, but modified SMARCE1 is about 80 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
B Parang	27270437	Oncogene	chIP

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

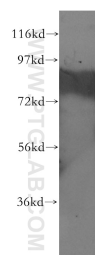
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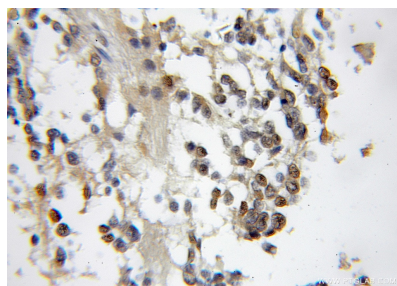
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11336-1-AP (CBFA2T2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11336-1-AP (CBFA2T2 antibody) at dilution of 1:50 (under 10x lens).