

For Research Use Only

# CBFA2T2 Polyclonal antibody

Catalog Number: 11336-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 11336-1-AP	<b>GenBank Accession Number:</b> BC015066	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9139	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> core-binding factor, runt domain, alpha subunit 2; translocated to, 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 604 aa, 67 kDa	
<b>Immunogen Catalog Number:</b> AG1880	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells, mouse testis tissue
<b>Cited Applications:</b> ChIP	<b>IHC :</b> human gliomas tissue,
<b>Species Specificity:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

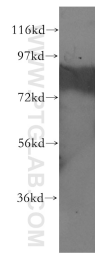
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

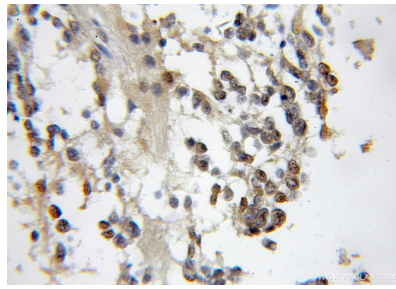
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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).