

## CBFA2T2 Polyclonal Antibody

Catalog number: 11336-1-AP

Size: 120 µg/150 µl

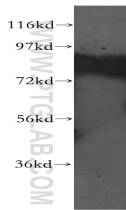
Source: Rabbit

Isotype: IgG

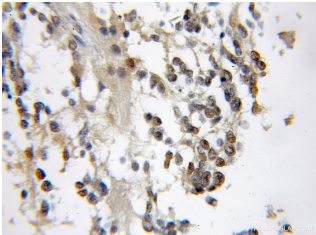
Synonyms:

CBFA2T2; DKFZp313F2116;

EHT; MTGR1; ZMYND3



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11336-1-AP(CBFA2T2 Antibody) at dilution of 1:800



Immunohistochemistry of paraffin-embedded human gliomas using 11336-1-AP(CBFA2T2 Antibody) at Dilution 1:50 (under 10x lens)

### Background

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.

### Applications

|                                  |  |
|----------------------------------|--|
| <b>Tested applications:</b>      | ELISA, WB, IHC                                 |
| <b>Species specificity:</b>      | Human, mouse, rat; other species not tested.   |
| <b>Positive WB detected in:</b>  | HEK-293 cells, mouse testis tissue, PC-3 cells |
| <b>Calculated CBFA2T2 MW:</b>    | 604aa,67kd                                     |
| <b>Observed CBFA2T2 MW:</b>      | 85kd   |
| <b>Positive IHC detected in:</b> | Human gliomas                                  |
| <b>Recommended dilution:</b>     | WB: 1:200-1:2000<br>IHC: 1:20-1:200            |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

### Immunogen information

|                                  |   |
|----------------------------------|---|
| <b>Immunogen:</b>                | Ag1880  |
| <b>GenBank accession number:</b> | BC015066  |
| <b>Gene ID (NCBI):</b>           | 9139  |
| <b>Full name:</b>                | Core-binding factor, runt domain, alpha subunit 2; translocated to, 2 |

### Product information

|                             |   |
|-----------------------------|---|
| <b>Purification method:</b> | Antigen affinity purification                                       |
| <b>Storage:</b>             | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |