

CBFA2T2 antibody

Catalog No: #22165

Package Size: #22165 100ul

Description

Product Name	CBFA2T2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 401 and 598 of human CBFA2T2
Conjugates	Unconjugated
Target Name	CBFA2T2
Accession No.	Swiss-Prot:O43439Gene ID:9139
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

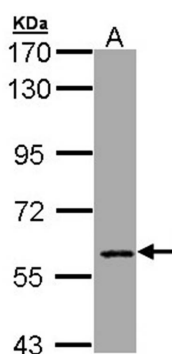
Application Details

Predicted MW: 67kd

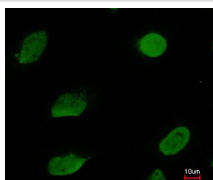
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

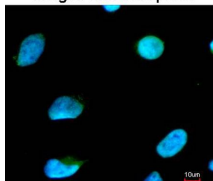
Images



Sample (30 ug of whole cell lysate)
A: Hep G2
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using CBFA2T2 antibody at 1: 200 dilution.

Background

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 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by this gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for this gene, but the full-length nature of only three have been described. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.