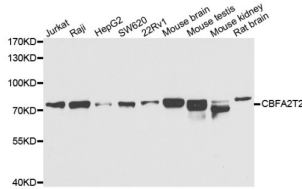
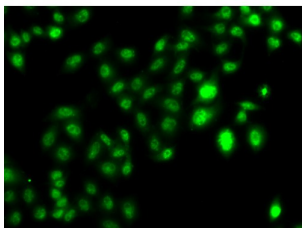


Protein CBFA2T2 (CBFA2T2) Antibody

Catalogue No.: abx005323



Western blot analysis of extracts of various cell lines, using CBFA2T2 antibody (abx005323, 1/1000 dilution) followed by secondary antibody HRP-Conjugated Goat Anti-Rabbit IgG, H+L ([abx005548](#), 1/10000 dilution), and 3% non-fat dried milk in TBST for blocking.



Immunofluorescence analysis of U2OS cells using CBFA2T2 antibody (abx005323).

CBFA2T2 Antibody is a Rabbit Polyclonal antibody against CBFA2T2. 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.

Target: Protein CBFA2T2 (CBFA2T2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 325-604 of human CBFA2T2.

Isotype: IgG

Datasheet

Version: 6.0.0
Revision date: 22 Dec 2024



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43439 (UniProt , ExPASy)
Gene Symbol:	CBFA2T2
GeneID:	9139
NCBI Accession:	NP_005084.1
KEGG:	hsa:9139
String:	9606.ENSP00000262653
Molecular Weight:	Calculated MW: 67 kDa Observed MW: 72 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	0.58 mg/ml
Note:	This product is for research use only.

For Reference Only