

Rabbit anti-Human CBFA2T2 Polyclonal Antibody | anti-CBFA2T2 antibody

CBFA2T2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285795	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

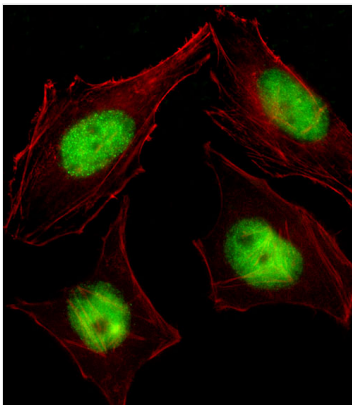
PRODUCT SYNONYMS

CBFA2T2; Polyclonal Antibody; CBFA2T2 Antibody (N-term); Protein CBFA2T2; ETO homologous on chromosome 20; MTG8-like protein; MTG8-related protein 1; Myeloid translocation-related protein 1; p85; EHT; MTGR1; anti-CBFA2T2 antibody

PRODUCT SPECIFICATIONS

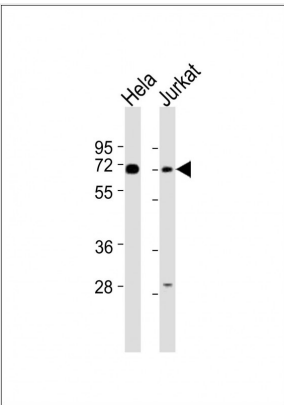
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CBFA2T2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-29 amino acids from the N-terminal region of human CBFA2T2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-29
Sequence Length	595
Applicable Applications for anti-CBFA2T2 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent image of HeLa cell stained with CBFA2T2 Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CBFA2T2 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree).CBFA2T2 immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)

All lanes : Anti-CBFA2T2 Antibody (N-term) at 1:2000 dilutionLane 1: HeLa whole cell lysatesLane 2: Jurkat whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 67 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CBFA2T2 antibody	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 natures of only three have been described.
Product Categories/Family for anti-CBFA2T2 antibody	Crown Antibodies
References	Guastadisegni, M.C., et al. Leukemia 24(8):1516-1519(2010) Ossovsckaya, V.S., et al. J. Neurosci. Methods 177(2):322-333(2009) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Olsson, A., et al. Biochim. Biophys. Acta 1779(10):590-598(2008) Kumar, R., et al. Mol. Cancer Res. 4(9):655-665(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	74229008
NCBI GeneID	9139
NCBI Accession #	NP_001028171.1; NP_001034798.1; NP_005084.1
NCBI GenBank Nucleotide #	NM_001032999.2
UniProt Accession #	O43439; Q5TGE4; Q5TGE5; Q5TGE6; Q5TGE7; Q8IWF3; Q96B06; Q96L00; Q9H436; Q9UJP8; B2RAE6; F8W6D7
Molecular Weight	67133
NCBI Official Full Name	protein CBFA2T2 isoform MTGR1c

NCBI Official Synonym Full Names	core-binding factor, runt domain, alpha subunit 2; translocated to, 2
NCBI Official Symbol	CBFA2T2
NCBI Official Synonym Symbols	EHT; p85; MTGR1; ZMYND3
NCBI Protein Information	protein CBFA2T2
UniProt Protein Name	Protein CBFA2T2
UniProt Gene Name	CBFA2T2
UniProt Synonym Gene Names	EHT; MTGR1
UniProt Entry Name	MTG8R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbfa2t2-antibody-immunofluorescence-western-blot-elisa/285795>