

DNAxPAb

Hard-to-Find
Antibody

CBFA2T2 DNAxPab

Catalog # H00009139-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CBFA2T2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGFHHVGQARLELLTSGDLPALASQRAGITVGPEKRVAMPGSPVEVKIQSRSSPPTMPPLPPIN
PGGPRPVSFPTALSNGINHSPPTLNGAPSPPPQRFSSNGPASSTSSALTNQQLPATCGARQLSKLK
RFLTTLQQFGNDISPEIGEKVRTLVLALVNSTVTIEEFHCKLQEATNFPLRPFVIPFLKANLPLLQRE
LLHCARAAKQTPSQYLAQHEHLLNLSIASPADSSELLMEVHGNGKRPSPERRENSFDRDTIAP
EPPAKRVCTISPAPRHSPALTVPLMNPGGQFHPTPPPLQHYTLEDIATSHLYREPKNMLEHREVR
DRHSLGLNGGYQDELVDHRLTEREWADEWKHLDDHALNCIMEMVEKTRRSMAVLRRCQGS DR
EELNYWKRRYNENTELRKTGTSLVSRQHSPGSADSLSNSQREFNSRPGTGYVPVEFWKKTEE
AVNKVKIQAMSEVQKAVAEAEQKAFEVATERARMEQTIADVQRQAEDAFLVINEQEESTENCW
NCGRKASETCSGCNIARYCGSFCQHKDWERHRLCGQNLHGQSPHGQGRPLLPVGRGSSARS
ADCSVPSPALDKTSATTSRSSPTASVTAIDTNGL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CBFA2T2

Entrez GeneID [9139](#)

GeneBank Accession# [BC040344](#)

Protein Accession# [AAH40344](#)

Gene Name CBFA2T2

Gene Alias DKFZp313F2116, EHT, MTGR1, ZMYND3

Gene Description core-binding factor, runt domain, alpha subunit 2; translocated to, 2

Omim ID [603672](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations ETO homolog on chromosome 20|MTG8-like protein|OTTHUMP00000030653|myeloid translocation gene-related protein 1