

[Go to Product page](#)

Datasheet for ABIN7165197
anti-CBFA2T3 antibody (AA 39-159) (HRP)

Overview

Quantity:	100 µg
Target:	CBFA2T3
Binding Specificity:	AA 39-159
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBFA2T3 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Protein CBFA2T3 protein (39-159AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CBFA2T3
Alternative Name:	CBFA2T3 (CBFA2T3 Products)
Background:	Background: Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and

Target Details

histone-modifying enzymes (PubMed:12559562, PubMed:15203199). Can repress the expression of MMP7 in a ZBTB33-dependent manner (PubMed:23251453). Reduces the protein levels and stability of the transcriptional regulator HIF1A, interacts with EGLN1 and promotes the HIF1A prolyl hydroxylation-dependent ubiquitination and proteasomal degradation pathway (PubMed:25974097). Contributes to inhibition of glycolysis and stimulation of mitochondrial respiration by down-regulating the expression of glycolytic genes including PFKFB3, PFKFB4, PDK1, PFKP, LDHA and HK1 which are direct targets of HIF1A (PubMed:23840896, PubMed:25974097). Regulates the proliferation and the differentiation of erythroid progenitors by repressing the expression of TAL1 target genes (By similarity). Plays a role in granulocyte differentiation (PubMed:15231665).

Aliases: Cbfa2t3 antibody, Ccore binding factor runt domain alpha subunit 2 translocated to 3 antibody, ETO2 antibody, hMTG16 antibody, hMTG16a antibody, hMTG16b antibody, MTG16 antibody, MTG16_HUMAN antibody, MTG8 related gene 2 antibody, MTG8 related protein MTG16a antibody, MTG8 related protein MTG16b antibody, MTG8-related protein 2 antibody, MTGR2 antibody, Myeloid translocation gene 8 and 16b antibody, Myeloid translocation gene on chromosome 16 protein antibody, Protein CBFA2T3 antibody, Zinc finger MYND domain-containing protein 4 antibody, ZMYND4 antibody

UniProt: [O75081](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.