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anti-CBFA2T3 antibody (AA 39-159)

2 Images



Go to Product page

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Quantity:	100 μg	
Target:	CBFA2T3	
Binding Specificity:	AA 39-159	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CBFA2T3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Datails		

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

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 transcriptinal 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_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:

075081

For Research Use only

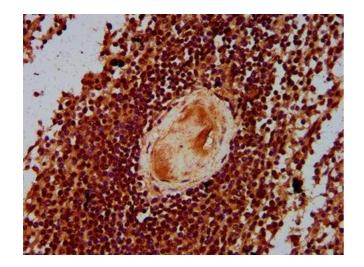
Application Details

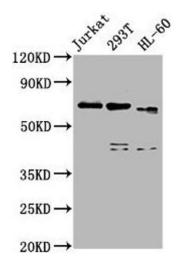
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Handling

Restrictions:

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.





Immunohistochemistry

Image 1. IHC image of ABIN7165194 diluted at 1:300 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, 293T whole cell lysate, HL60 whole cell lysate All lanes: CBFA2T3 antibody at 5 μg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 72, 63, 64, 8 kDa Observed band size: 72 kDa