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## Datasheet for ABIN7113057 anti-CBFA2T3 antibody



Overview

0.00101000	
Quantity:	100 µg
Target:	CBFA2T3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBFA2T3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	core-binding factor, runt domain, alpha subunit 2, translocated to, 3
Isotype:	lgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE
Target Details	
Target:	CBFA2T3
Alternative Name:	CBFA2T3 (CBFA2T3 Products)
Background:	Synonyms:MTG16, MTGR2, ZMYND4 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

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	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). Isoform 2 functions as an A-kinase-anchoring protein(PubMed:11823486).
Molecular Weight:	62-65kd
Gene ID:	863
UniProt:	075081
Application Details	
Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months