

---

## Anti-ETO-2 antibody

---



<b>Description</b>	Rabbit polyclonal to ETO-2.
<b>Model</b>	STJ93008
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthesized peptide derived from human ETO-2
<b>Immunogen Region</b>	230-310 aa, Internal
<b>Gene ID</b>	<a href="#">863</a>
<b>Gene Symbol</b>	<a href="#">CBFA2T3</a>
<b>Dilution range</b>	IHC 1:100-1:300ELISA 1:20000
<b>Specificity</b>	ETO-2 Polyclonal Antibody detects endogenous levels of ETO-2 protein.
<b>Tissue Specificity</b>	Widely expressed with higher expression in heart, pancreas, skeletal muscle, spleen, thymus and peripheral blood leukocytes. Expressed in hematopoietic cells (at protein level).
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Protein CBFA2T3 MTG8-related protein 2 Myeloid translocation gene on chromosome 16 protein hMTG16 Zinc finger MYND domain-containing protein 4

<b>Molecular Weight</b>	71.192 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:15370MIM:603870</a>
<b>Alternative Names</b>	Protein CBFA2T3 MTG8-related protein 2 Myeloid translocation gene on chromosome 16 protein hMTG16 Zinc finger MYND domain-containing protein 4
<b>Function</b>	Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes . Can repress the expression of MMP7 in a ZBTB33-dependent manner . 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 . 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 . Regulates the proliferation and the differentiation of erythroid progenitors by repressing the expression of TAL1 target genes . Plays a role in granulocyte differentiation . Isoform 2 functions as an A-kinase-anchoring protein .
<b>Sequence and Domain Family</b>	Nervy homology region 2 (NHR2) mediates homo- and possibly heterotypic oligomerization by forming a four-helix bundle tetrameric structure.
<b>Cellular Localization</b>	Isoform 1: Nucleus, nucleolus. The RUNX1-CBFA2T3 fusion protein localizes to the nucleoplasm.. Isoform 2: Nucleus, nucleoplasm Golgi apparatus membrane