

产品名称: ETO-2 Rabbit Polyclonal Antibody
产品货号: APRab10647



产品概述 (Summary)

产品名称 (Production Name)	ETO-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CBFA2T3 CBFA2T3; MTG16; MTGR2; ZMYND4; Protein CBFA2T3; MTG8-related protein
别名 (Alternative Names)	2; Myeloid translocation gene on chromosome 16 protein; hMTG16; Zinc finger MYND domain-containing protein 4
基因 ID (Gene ID)	863.0
蛋白 ID (SwissProt ID)	O75081. The antiserum was produced against synthesized peptide derived from human MTG16. AA range: 261-310

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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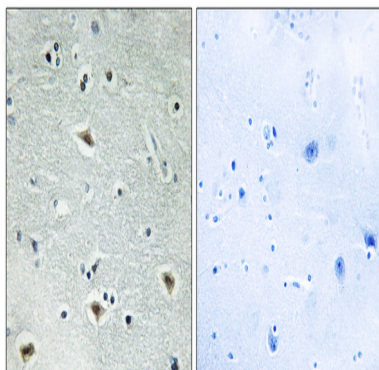


研究背景 (Background)

This gene encodes a member of the myeloid translocation gene family which interact with DNA-bound transcription factors and recruit a range of corepressors to facilitate transcriptional repression. The t(16;21)(q24;q22) translocation is one of the less common karyotypic abnormalities in acute myeloid leukemia. The translocation produces a chimeric gene made up of the 5'-region of the runt-related transcription factor 1 gene fused to the 3'-region of this gene. This gene is also a putative breast tumor suppressor. Alternative splicing results in transcript variants. [provided by RefSeq, Nov 2010], disease: A chromosomal aberration involving CBFA2T3 is found in therapy-related myeloid malignancies. Translocation t(16;21)(q24;q22) that forms a RUNX1-CBFA2T3 fusion protein., function: Functions as a transcriptional repressor. 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 (PubMed:11823486), induction: Down-regulated by all-trans retinoic acid., similarity: Belongs to the CBFA2T family., similarity: Contains 1 MYND-type zinc finger., similarity: Contains 1 TAFH (NHR1) domain., subcellular location: The RUNX1-CBFA2T3 fusion protein localizes to the nucleoplasm., subunit: Component of a TAL-1 complex composed at least of CBFA2T3, LDB1, TAL1 and TCF3 (By similarity). Heterodimer with RUNX1T1 and CBFA2T2. Interacts with ERBB4, HDAC1, HDAC2, HDAC3, HDAC6, HDAC8, NCOR1, NCOR2, and ZNF652. According to Hoogeveen et al (PubMed:12242670) may not interact with HDAC6. Isoform 2 interacts with PRKAR2A, PDE7A and probably PDE4A., tissue specificity: Widely expressed with higher expression in heart, pancreas, skeletal muscle, spleen, thymus and peripheral blood leukocytes. Expressed in hematopoietic cells (at protein level),

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MTG16 Antibody. The picture on the right is blocked with the synthesized peptide.

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注意事项 (Note)

For research use only .