



ETO-2 rabbit pAb

Cat No.:ES7841

For research use only

Overview

Product Name	ETO-2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MTG16. AA range:261-310
Specificity	ETO-2 Polyclonal Antibody detects endogenous levels of ETO-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein CBFA2T3
Gene Name	CBFA2T3
Cellular localization	[Isoform 1]: Nucleus, nucleolus. The RUNX1-CBFA2T3 fusion protein localizes to the nucleoplasm.; [Isoform 2]: Nucleus, nucleoplasm . Golgi apparatus membrane .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	863
Human Swiss-Prot Number	O75081
Alternative Names	CBFA2T3; MTG16; MTGR2; ZMYND4; Protein CBFA2T3; MTG8-related protein 2; Myeloid translocation gene on chromosome 16 protein; hMTG16; Zinc finger MYND domain-containing protein 4





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],

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

