



mTERF rabbit pAb

Cat#: orb770469 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	mTERF rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MTERF. AA range:267-316
Specificity	mTERF Polyclonal Antibody detects endogenous levels of mTERF 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	Transcription termination factor mitochondrial
Gene Name	MTERF
Cellular localization	Mitochondrion.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal



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Concentration	1 mg/ml
Observed band	46kD
Human Gene ID	7978
Human Swiss-Prot Number	Q99551
Alternative Names	MTERF; Transcription termination factor; mitochondrial; Mitochondrial transcription termination factor 1; mTERF
Background	This gene encodes a mitochondrial transcription termination factor. This protein participates in attenuating transcription from the mitochondrial genome; this attenuation allows higher levels of expression of 16S ribosomal RNA relative to the tRNA gene downstream. The product of this gene has three leucine zipper motifs bracketed by two basic domains that are all required for DNA binding. There is evidence that, for this protein, the zippers participate in intramolecular interactions that establish the three-dimensional structure required for DNA binding. [provided by RefSeq, Jul 2008],



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



Western blot analysis of lysates from Jurkat cells, using MTERF Antibody. The lane on the right is blocked with the synthesized peptide.



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