

产品名称: mTERF Rabbit Polyclonal Antibody
产品货号: APRab14208



产品概述 (Summary)

产品名称 (Production Name)	mTERF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,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)	MTERF
别名 (Alternative Names)	MTERF; Transcription termination factor; mitochondrial; Mitochondrial transcription termination factor 1; mTERF
基因 ID (Gene ID)	7978.0
蛋白 ID (SwissProt ID)	Q99551.The antiserum was produced against synthesized peptide derived from human MTERF. AA range:267-316

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	46kDa

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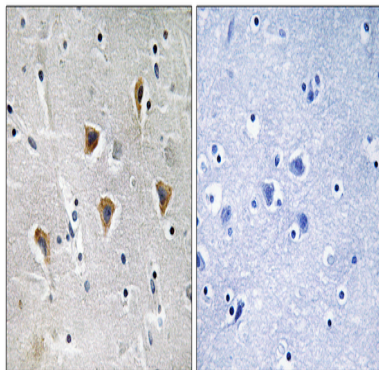


研究背景 (Background)

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], domain: Composed of three leucine zippers, one of which is bipartite, and two widely spaced basic domains. There is evidence that the leucine zippers form an intramolecular three-stranded coiled-coil that brings the basic domains together to form a DNA-binding motif., function: Transcription termination factor. Binds to a 28 bp region within the tRNA(Leu(uur)) gene at a position immediately adjacent to and downstream of the 16S rRNA gene, this region comprises a tridecamer sequence critical for directing accurate termination. Probably requires one or more components for termination activity., PTM: Phosphoprotein with mostly four phosphate groups. While the DNA-binding activity is unaffected by the phosphorylation state, only the phosphorylated form of the protein is active for termination activity. Functioning seems to be regulated by phosphorylation., similarity: Belongs to the mTERF family., subunit: Monomer.,

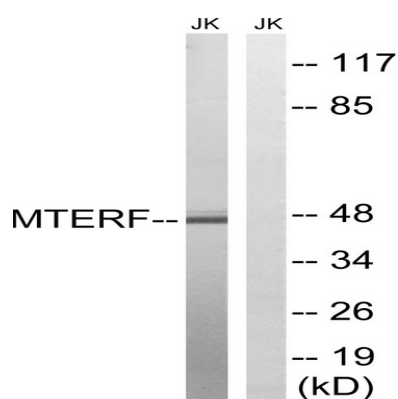
研究领域 (Research Area)

图片 (Image Data)

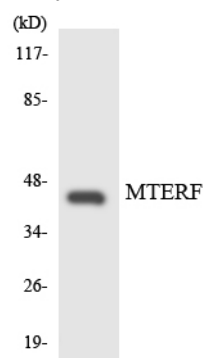


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using MTERF Antibody. The picture on the right is blocked with the synthesized peptide.

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



Western blot analysis of the lysates from HUVEC cells using MTERF antibody.

注意事项 (Note)

For research use only .