

MTERF Antibody

Catalog No: #35106

Package Size: #35106-1 50ul #35106-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

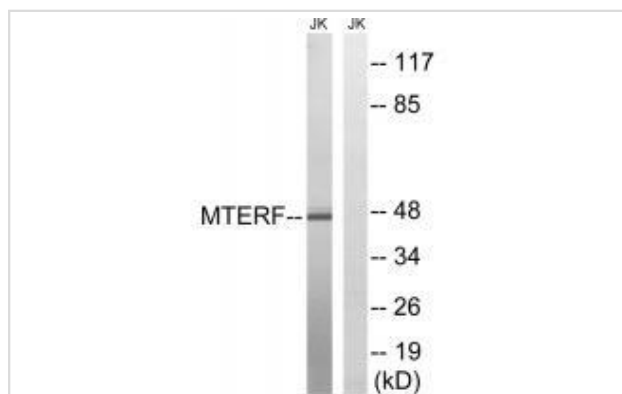
Product Name	MTERF Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MTERF protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MTERF.
Target Name	MTERF
Other Names	MGC131634; mitochondrial transcription termination factor 1;
Accession No.	Swiss-Prot: Q99551NCBI Gene ID: 7978
Uniprot	Q99551
GeneID	7978;
SDS-PAGE MW	46kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

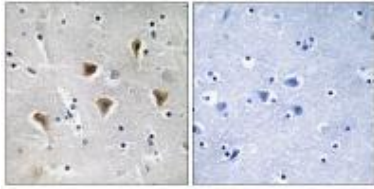
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Jurkat cells, using MTERF antibody #35106.

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MTERF antibody #35106.



Background

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. Binds DNA along the major groove and promotes DNA bending and partial unwinding. Promotes base flipping. Probably requires one or more components for termination activity.

Fernandez-Silva P., EMBO J. 16:1066-1079(1997).

Suzuki Y., Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Hillier L.W., Nature 424:157-164(2003).

Note: This product is for in vitro research use only