

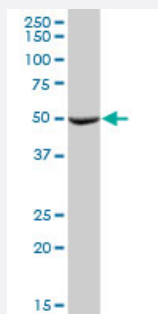
MaxPab®

MTRF1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009617-B01P

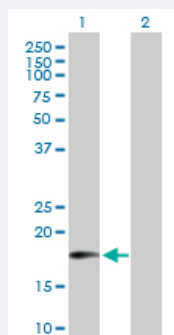
Size 50 ug

Applications



Western Blot (Tissue lysate)

MTRF1 MaxPab polyclonal antibody. Western Blot analysis of MTRF1 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of MTRF1 expression in transfected 293T cell line by MTRF1 MaxPab polyclonal antibody.

Lane 1: MTRF1 transfected lysate(16.61 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MTRF1 protein.
Immunogen	MTRF1 (ENSP00000239852, 1 a.a. ~ 151 a.a) full-length human protein.
Sequence	MNRHLCVWLFRHPSLNGYLQCHIQLHSHQFRQIHLDTRLQVFRQNRNCILHLLSKNWSRRYCHQD TKMLWKHKALQKYMENLSKEYQTLEQCLQHIPPVNEENRRSLNRRHAELAPLAAYQEIQETEQAIE ELESMCKKTESCSVAQAGMQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (66); Rat (65)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of MTRF1 expression in transfected 293T cell line by MTRF1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — MTRF1

Entrez GeneID	9617
GeneBank Accession#	ENST00000239852
Protein Accession#	ENSP00000239852
Gene Name	MTRF1
Gene Alias	MGC47721, MRF1, MTTRF1, RF1
Gene Description	mitochondrial translational release factor 1
Omim ID	604601
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene was determined by in silico methods to be a mitochondrial protein with similarity to the peptide chain release factors (RFs) discovered in bacteria and yeast. The peptide chain release factors direct the termination of translation in response to the peptide chain termination codons. Initially thought to have a role in the termination of mitochondria protein synthesis, a recent publication found no mitochondrial translation release functionality. Multiple alternatively spliced transcript variants have been suggested by mRNA and EST data; however, their full-length natures are not clear. [provided by RefSeq]

Other Designations

OTTHUMP00000018315|OTTHUMP00000018316|mitochondrial peptide chain release factor 1

Publication Reference

- [Network Clustering Revealed the Systemic Alterations of Mitochondrial Protein Expression.](#)

Jeon J, Jeong JH, Baek JH, Koo HJ, Park WH, Yang JS, Yu MH, Kim S, Pak YK.

PLoS Computational Biology 2011 Jun; 7(6):e1002093.

Application: WB-Ce, Human, 143B TK- osteosarcoma cells