

## MTRF1

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:20 - 1:200

**Calculated MW:**52kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human MTRF1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

RF1; MRF1; MTTRF1;

**Catalog #:**A4327

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9617

**Isotype:**IgG

**Swiss Prot:**O75570

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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