

DNAxPAb

Hard-to-Find
Antibody

MTRF1 DNAxPab

Catalog # H00009617-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MTRF1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNRHLCVWLFRHPSLNGYLQCHQLHSHQFRQIHLDTRLQVFRQNRNCILHLLSKNWSRRYCHQD TKMLWKHKALQKYMENLSKEYQTLEQCLQHIPPVNEENRRSLNRRHAELAPLAAYQEIQETEQAIE ELESCKKTESCSVAQAGMQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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