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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56319_P050-Biotin
Product Page	www.avivasysbio.com/mtrf1l-antibody-n-terminal-region-biotin-arp56319-p050-biotin.html
Name	MTRF1L Antibody - N-terminal region : Biotin (ARP56319_P050-Biotin)
Protein Size (# AA)	271 amino acids
Molecular Weight	29 kDa
Conjugation	Biotin
NCBI Gene Id	54516
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	mitochondrial translational release factor 1 like
Alias Symbols	MRF1L, HMRF1L, mtRF1a
Peptide Sequence	Synthetic peptide located within the following region: MRSRVLWGAARWLWPRRAVGPARRPLSSGSPPLEELFTRGGPLRTFLERQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Nozaki, Y., (2008) Genes Cells 13 (5), 429-438
Description of Target	The protein encoded by this gene plays a role in mitochondrial translation termination, and is thought to be a release factor that is involved in the dissociation of the complete protein from the final tRNA, the ribosome, and the cognate mRNA. This protein acts upon UAA and UAG stop codons, but has no in vitro activity against UGA, which encodes tryptophan in human mitochondrion, or, the mitochondrial non-cognate stop codons, AGA and AGG. This protein shares sequence similarity to bacterial release factors. Pseudogenes of this gene are found on chromosomes 4, 8, and 11. Alternative splicing results in multiple transcript variants.
Protein Interactions	UBC;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MTRF1L (ARP56319_P050-Biotin) antibody
Blocking Peptide	For anti-MTRF1L (ARP56319_P050-Biotin) antibody is Catalog# AAP56319
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RF1ML
Uniprot ID	Q9UGC7
Protein Name	peptide chain release factor 1-like, mitochondrial
Protein Accession #	NP_001107656
Purification	Affinity purified
Nucleotide Accession #	NM_001114184.2
Gene Symbol	MTRF1L
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 77%; Rabbit: 92%; Rat: 83%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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