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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57708_P050-Biotin
Product Page	www.avivasysbio.com/mrps33-antibody-middle-region-biotin-arp57708-p050-biotin.html
Name	MRPS33 Antibody - middle region : Biotin (ARP57708_P050-Biotin)
Protein Size (# AA)	106 amino acids
Molecular Weight	11kDa
Conjugation	Biotin
NCBI Gene Id	51650
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	mitochondrial ribosomal protein S33
Alias Symbols	S33mt, PTD003, CGI-139, MRP-S33
Peptide Sequence	Synthetic peptide located within the following region: KKETYDWYPNHHHTYAELMQTLRFLGLYRDEHQDFMDEQKRLKCLRQKEKP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. The 28S subunit of the mammalian mitoribosome may play a crucial and characteristic role in translation initiation. This gene encodes a 28S subunit protein that is one of the more highly conserved mitochondrial ribosomal proteins among mammals, <i>Drosophila</i> and <i>C. elegans</i> . Splice variants that differ in the 5' UTR have been found for this gene; all variants encode the same protein. Pseudogenes corresponding to this gene are found on chromosomes 1q, 4p, 4q, and 20q
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-MRPS33 (ARP57708_P050-Biotin) antibody
Blocking Peptide	For anti-MRPS33 (ARP57708_P050-Biotin) antibody is Catalog# AAP57708
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human RT33
Uniprot ID	Q9Y291
Protein Name	28S ribosomal protein S33, mitochondrial
Protein Accession #	NP_444263
Purification	Affinity purified
Gene Symbol	MRPS33
Predicted Species Reactivity	Human
Application	WB

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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