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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	ARP57317_P050-FITC
Product Page	www.avivasysbio.com/mrpl50-antibody-n-terminal-region-fitc-arp57317-p050-fitc.html
Name	MRPL50 Antibody - N-terminal region : FITC (ARP57317_P050-FITC)
Protein Size (# AA)	158 amino acids
Molecular Weight	17kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	54534
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	mitochondrial ribosomal protein L50
Alias Symbols	MRP-L50
Peptide Sequence	Synthetic peptide located within the following region: CREFWSRFRKEKEPVVETVVEEKKEPILVCPPLRSRAYTPPEDLQSRLES
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. This gene encodes a putative 39S subunit protein and belongs to the L47P ribosomal protein family. Pseudogenes corresponding to this gene are found on chromosomes 2p, 2q, 5p, and 10q.
Protein Interactions	UBC; MDM2; NPM1; MRPL45; TMEM177; MRPL57; MRPL44; MRPL32; MRPL38; MRPL40; MRPS9; MRPL47; TSR1; RIF1; MRPL37; MRPL15; FLOT1; MRPL19; SUCLG2; SLC25A3; ILF2; ATP6V0A1; ATP6V1B1; CUL3; ICT1;
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-MRPL50 (ARP57317_P050-FITC) antibody
Blocking Peptide	For anti-MRPL50 (ARP57317_P050-FITC) antibody is Catalog# AAP57317
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human RM50
Uniprot ID	Q8N5N7
Protein Name	39S ribosomal protein L50, mitochondrial
Protein Accession #	NP_061924
Purification	Affinity Purified
Gene Symbol	MRPL50
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 79%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Rat: 93%

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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