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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	ARP54978_P050-FITC
Product Page	www.avivasysbio.com/mrpl13-antibody-middle-region-fitc-arp54978-p050-fitc.html
Name	MRPL13 Antibody - middle region : FITC (ARP54978_P050-FITC)
Protein Size (# AA)	178 amino acids
Molecular Weight	21kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	28998
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitochondrial ribosomal protein L13
Alias Symbols	L13, L13A, L13mt, RPL13, RPML13
Peptide Sequence	Synthetic peptide located within the following region: AIYGMPLPKNLHRRITMMERLHLFPDEYIPEDILKKNLVEELPQPRKIPKRLD
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 39S subunit protein.
Protein Interactions	FN1; MRPL55; MRPL10; MRPL52; MRPL45; MRPL24; MRPL44; MRPL9; MRPL11; MRPL38; MRPL41; MRPS9; MRPL14; MRPL17; MRPL16; MRPL39; MRPL2; MRPL15; MRPL42; MRPS28; SCFD1; MRPL3; CUL7; MRPL19; MRPL23; SLC25A3; OGDH; NDUFS1; NDUFB10; MPV17; ICT1; HNRNPU; DLD; UBC; OX
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-MRPL13 (ARP54978_P050-FITC) antibody
Blocking Peptide	For anti-MRPL13 (ARP54978_P050-FITC) antibody is Catalog# AAP54978 (Previous Catalog# AAPP32139)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MRPL13
Uniprot ID	Q9BYD1
Protein Name	39S ribosomal protein L13, mitochondrial
Sample Type Confirmation	MRPL13 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_054797
Purification	Affinity Purified
Nucleotide Accession #	NM_014078
Gene Symbol	MRPL13
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 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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