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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP56813_P050-FITC
Product Page	www.avivasysbio.com/mrps2-antibody-middle-region-fitc-arp56813-p050-fitc.html
Name	MRPS2 Antibody - middle region : FITC (ARP56813_P050-FITC)
Protein Size (# AA)	296 amino acids
Molecular Weight	33kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	51116
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitochondrial ribosomal protein S2
Alias Symbols	S2mt, CGI-91, MRP-S2, COXPD36
Peptide Sequence	Synthetic peptide located within the following region: VHLYCRLFQATAITRAKEKROQVEALYRLQGQKEPGDQGPAPHPGADMSHS
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 28S subunit protein that belongs to the ribosomal protein S2 family.
Protein Interactions	CEP250; TUBGCP3; TP53; SUMO2; GRSF1; UBC; SUMO1; NEDD8; ESR2; C1QBP; MRPS16; MRPS9; SSBP1; OGDH; APP; ACTA2; CAND1; CUL5; 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-MRPS2 (ARP56813_P050-FITC) antibody
Blocking Peptide	For anti-MRPS2 (ARP56813_P050-FITC) antibody is Catalog# AAP56813 (Previous Catalog# AAPP44605)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MRPS2
Uniprot ID	Q9Y399
Protein Name	28S ribosomal protein S2, mitochondrial
Sample Type Confirmation	MRPS2 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	NP_057118
Purification	Affinity Purified
Nucleotide Accession #	NM_016034
Gene Symbol	MRPS2
Predicted Species Reactivity	Human
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%
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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