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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP54583_P050-FITC
Product Page	www.avivasysbio.com/mrpl58-antibody-middle-region-fitc-arp54583-p050-fitc.html
Name	MRPL58 Antibody - middle region : FITC (ARP54583_P050-FITC)
Protein Size (# AA)	206 amino acids
Molecular Weight	23kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3396
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	mitochondrial ribosomal protein L58
Alias Symbols	DS1, DS-1, ICT1, MRP-L58
Peptide Sequence	Synthetic peptide located within the following region: AEWIAEPVRQKIAITHKKNKINRLGELILTSESSRYQFRNLADCLQKIRDM
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	van (1995) Eur. J. Biochem. 234 (3), 843-848
Description of Target	The protein encoded by this gene is a peptidyl-tRNA hydrolase and a vital component of the large mitochondrial ribosome. The encoded protein serves as a ribosome release factor for this ribosome, which translates mitochondrial genes. This protein may be responsible for degrading prematurely-terminated polypeptides and for reusing stalled ribosomes. Two transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	UBC; LIN28A; MRPS6; MRPS27; DAP3; MRPS18B; MRPL3; MRPL12; NPM1; MTHFD1; SYNCRIP; FLOT1; PPT2; RPL14; EIF4H; UQCRCF1; SRSF3; RPS18; RPS15; MRPL23; RPL4; RPL3; NDUFB7; NDUFB5; NDUFA2; ILF2; HNRNPU; CYC1; CLPTM1; CDH2; CALU; APP; ERGIC1; DDX28; SYNJ2BP; MRPL
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-MRPL58 (ARP54583_P050-FITC) antibody
Blocking Peptide	For anti-MRPL58 (ARP54583_P050-FITC) antibody is Catalog # AAP54583 (Previous Catalog # AAPP31367)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ICT1
Uniprot ID	Q14197
Protein Name	peptidyl-tRNA hydrolase ICT1, mitochondrial
Protein Accession #	NP_001536
Purification	Affinity Purified
Nucleotide Accession #	NM_001545
Gene Symbol	MRPL58
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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