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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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Product Number	ARP57897_P050-Biotin
Product Page	www.avivasysbio.com/mrps15-antibody-middle-region-biotin-arp57897-p050-biotin.html
Name	MRPS15 Antibody - middle region : Biotin (ARP57897_P050-Biotin)
Protein Size (# AA)	257 amino acids
Molecular Weight	30kDa
Conjugation	Biotin
NCBI Gene Id	64960
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitochondrial ribosomal protein S15
Alias Symbols	DC37, S15mt, RPMS15, MPR-S15
Peptide Sequence	Synthetic peptide located within the following region: QFMKKIVANPEDTRSLEARIALSVKIRSYEEHLEKHRKDKAHKRYLLMS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Zhang,Z. (2003) Genomics 81 (5), 468-480
Description of Target	MRPS15 is a 28S subunit protein that belongs to the ribosomal protein S15P family. The protein is more than two times the size of its E. coli counterpart, with the 12S rRNA binding sites conserved. Between human and mouse, the protein is the least conserved among small subunit ribosomal proteins. Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. 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 S15P family. The encoded protein is more than two times the size of its E. coli counterpart, with the 12S rRNA binding sites conserved. Between human and mouse, the encoded protein is the least conserved among small subunit ribosomal proteins. Pseudogenes corresponding to this gene are found on chromosomes 15q and 19q.
Protein Interactions	GRSF1; UBC; PARK2; ESR2; PTC3; CAND1; COPS5; CUL3; SUMO2; 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-MRPS15 (ARP57897_P050-Biotin) antibody
Blocking Peptide	For anti-MRPS15 (ARP57897_P050-Biotin) antibody is Catalog # AAP57897 (Previous Catalog # AAP32308)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MRPS15
Uniprot ID	P82914
Protein Name	28S ribosomal protein S15, mitochondrial
Protein Accession #	NP_112570
Purification	Affinity Purified
Nucleotide Accession #	NM_031280
Gene Symbol	MRPS15

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 83%; Rat: 79%
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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