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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58550_P050-HRP
Product Page	www.avivasysbio.com/wars-antibody-n-terminal-region-hrp-arp58550-p050-hrp.html
Name	WARS Antibody - N-terminal region : HRP (ARP58550_P050-HRP)
Protein Size (# AA)	471 amino acids
Molecular Weight	52kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	7453
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tryptophanyl-tRNA synthetase
Alias Symbols	HMN9, WARS, IFI53, IFP53, GAMMA-2
Peptide Sequence	Synthetic peptide located within the following region: EIDSAVKMLVSLKMSYKAAAGEDYKADCPPGNPAPTSNHGPDATEAEEDF
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Shen,N., (2008) Nucleic Acids Res. 36 (4), 1288-1299
Description of Target	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family. Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Two forms of tryptophanyl-tRNA synthetase exist, a cytoplasmic form, named WARS, and a mitochondrial form, named WARS2. Tryptophanyl-tRNA synthetase (WARS) catalyzes the aminoacylation of tRNA(trp) with tryptophan and is induced by interferon. Tryptophanyl-tRNA synthetase belongs to the class I tRNA synthetase family. Four transcript variants encoding two different isoforms have been found for this gene.
Protein Interactions	UBC; SUMO2; CDC34; CALU; ADSL; AARS; CTPS2; HERC4; NT5C2; FKBP9; EHD1; GNPDA1; GTF3C4; USP5; XPNPEP1; RAD23A; TWF1; PCNA; NUCB1; KTN1; GTF2I; CD81; LIG4; TRIM25; GART; APP; ISG15; TERF1; SIRT7; PSMA3; DNMT3B; DCAF13; DDA1; GBAS; CDK2AP2; MDH2; EEF1A1;
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-WARS (ARP58550_P050-HRP) antibody
Blocking Peptide	For anti-WARS (ARP58550_P050-HRP) antibody is Catalog # AAP58550 (Previous Catalog # AAPP34832)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human WARS
Uniprot ID	P23381
Protein Name	Tryptophan--tRNA ligase, cytoplasmic
Protein Accession #	NP_004175
Purification	Affinity Purified
Nucleotide Accession #	NM_004184

Gene Symbol	WARS
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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