HEMK1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HEMK1, Polyclonal Antibody
Full Product Name	HEMK1 Antibody, Biotin conjugated
Product Gene Name	anti-HEMK1 antibody
Product Synonym Names	HemK methyltransferase family member 1 (EC:2.1.1.-); HEMK1; HEMK; M.HsaHemKP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	>95%, Protein G Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: HEMK1 (MBS1493983) Biotin Conjugated Antibody: HEMK1 (MBS1497644)
Molecular Weight	38,231 Da
3D Structure	ModBase 3D Structure for Q9Y5R4
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human HemK methyltransferase family member 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-99921
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HEMK1 antibody	ELISA (EIA)
Related Product Information for anti-HEMK1 antibody	N5-glutamine methyltransferase responsible for the methylation of the GGQ triplet of the mitochondrial translation release factor MTRF1L.
Other Notes	Small volumes of anti-HEMK1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HEMK1 purchase	MBS1497644 is an antibody targeting HEMK1. Also known as HEMK1 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HEMK1. It may not necessarily be applicable to this product.

NCBI GI #	7705409
NCBI GeneID	51409
NCBI Accession #	NP_057257.1

UniProt Primary Accession #	Q9Y5R4
UniProt Related Accession #	Q9Y5R4
GenBank Nucleotide #	NM_016173.4
NCBI Official Full Name	hemK methyltransferase family member 1
NCBI Official Synonym Full Names	HemK methyltransferase family member 1
NCBI Official Symbol	HEMK1
NCBI Official Synonym Symbols	HEMK; MTQ1
UniProt Protein Name	HemK methyltransferase family member 1
UniProt Synonym Protein Names	M.HsaHemKP
Protein Family	HemK methyltransferase family
UniProt Gene Name	HEMK1
UniProt Synonym Gene Names	HEMK
UniProt Entry Name	HEMK1_HUMAN
NCBI Protein Information	hemK methyltransferase family member 1
UniProt Comments for HEMK1	HEMK1: N5-glutamine methyltransferase responsible for the methylation of the GGQ triplet of the mitochondrial translation release factor MTRF1L. Belongs to the protein N5-glutamine methyltransferase family. Protein type: Other Amino Acids Metabolism - selenoamino acid; EC 2.1.1.-; Lipid Metabolism - androgen and estrogen; Amino Acid Metabolism - histidine; Amino Acid Metabolism - tyrosine; Methyltransferase Chromosomal Location of Human Ortholog: 3p21.3 Cellular Component: mitochondrion Molecular Function: DNA binding; N-methyltransferase activity; protein binding; protein methyltransferase activity Biological Process: DNA methylation; protein amino acid methylation
Research Articles on HEMK1	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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