ENOSF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENOSF1, Polyclonal Antibody
Full Product Name	ENOSF1 Antibody, HRP conjugated
Product Gene Name	anti-ENOSF1 antibody
Product Synonym Names	Mitochondrial enolase superfamily member 1; Antisense RNA to thymidylate synthase; rTS; L-fuconate dehydratase; ENOSF1; RTS; TYMSAS
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ENOSF1 (MBS7108315) HRP Conjugated Antibody: ENOSF1 (MBS7108316)
Molecular Weight	24,284 Da
OMIM	AF305057 Genomic DNA
3D Structure	ModBase 3D Structure for Q7L5Y1
Immunogen	Recombinant Human Mitochondrial enolase superfamily member 1 protein (171-286AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ENOSF1 antibody	Cell Biology; Metabolism; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ENOSF1 antibody	ELISA (EIA)
Related Product Information for anti-ENOSF1 antibody	Plays a role in the catabolism of L-fucose, a sugar that is part of the carbohydrates that are attached to cellular glycoproteins. Catalyzes the dehydration of L-fuconate to 2-keto-3-deoxy-L-fuconate by the abstraction of the 2-proton to generate an enediolate intermediate that is stabilized by the magnesium ion (PubMed:24697329).
Other Notes	Small volumes of anti-ENOSF1 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 ENOSF1 purchase	MBS7108316 is an antibody targeting ENOSF1. Also known as ENOSF1 Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ENOSF1. It may not necessarily be applicable to this product.

NCBI GI #	186972148
NCBI GeneID	55556
NCBI Accession #	NP_001119595.1
UniProt Primary Accession #	Q7L5Y1
UniProt Secondary Accession #	Q15407; Q15594; Q15595; Q6ZS08; Q9HAS5; Q9HAS6; A6NMP3; A8K9R5; B3KSL6; B3KXE4; D3DUH0
UniProt Related Accession #	Q7L5Y1
GenBank Nucleotide #	NM_001126123.3
NCBI Official Synonym Full Names	enolase superfamily member 1
NCBI Official Symbol	ENOSF1
NCBI Official Synonym Symbols	RTS; TYMSAS
UniProt Protein Name	Mitochondrial enolase superfamily member 1
UniProt Synonym Protein Names	Antisense RNA to thymidylate synthase; rTS; L-fuconate dehydratase
Protein Family	Mitochondrial enolase superfamily
UniProt Gene Name	ENOSF1
UniProt Synonym Gene Names	RTS; TYMSAS; rTS
NCBI Protein Information	mitochondrial enolase superfamily member 1
NCBI Summary for ENOSF1	This gene can encode a mitochondrial enzyme that is thought to convert L-fuconate to 2-keto-3-deoxy-L-fuconate. This locus was originally identified as the source of antisense RNAs of the adjacent thymidylate synthase gene. Splice variants at this locus may contain an alternate 3' exon that is complementary to the 3'UTR and terminal intron of the thymidylate synthase (TS) RNA and may downregulate TS expression. [provided by RefSeq, Aug 2017]
Research Articles on ENOSF1	**1.** The suitability of the present method for gastric serum proteomic analysis was demonstrated and led to the identification of two peptide regions the expression of the SERPINA1 and ENOSF1
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