# ENOSF1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | ENOSF1, Polyclonal Antibody |
| **Full Product Name** | ENOSF1 Antibody |
| **Product Gene Name** | anti-ENOSF1 antibody |
| **Product Synonym Names** | RTS; TYMSAS |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| **Purity/Purification** | Antigen affinity purification |
| **Specificity** | The antibody detects endogenous levels of total ENOSF1 protein. |
| **Preparation and Storage** | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 49,786 Da |
| **OMIM** | 607427 |
| **3D Structure** | ModBase 3D Structure for Q7L5Y1 |
| **Immunogen** | Synthetic peptide of human ENOSF1 |
| **Product Categories/Family for anti-ENOSF1 antibody** | Primary Antibody |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-ENOSF1 antibody** | Immunohistochemistry (IHC) |
| **Application Notes for anti-ENOSF1 antibody** | IF: 1: 20-100 |
| **Related Product Information for anti-ENOSF1 antibody** | This gene was originally identified as a naturally occurring antisense transcript to the human thymidylate synthase gene. Alternate splice variants have been described, one of which (named rTSalpha) represents an alternate 3'UTR that is complementary to the 3'UTR and terminal intron of the thymidylate synthase (TS) RNA and down-regulates TS expression. Other transcript variants (rTSbeta and rTSgamma) do not overlap the TS locus. The function of this gene appears to be primarily to regulate expression of the TS locus both via the antisense transcript as well as through the encoded proteins. |
| **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** | MBS8595618 is an antibody targeting ENOSF1. Also known as ENOSF1 Antibody. 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.

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| **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 Full Name** | mitochondrial enolase superfamily member 1 isoform rTSalpha |
| **NCBI Official Synonym Full Names** | enolase superfamily member 1 |
| **NCBI Official Symbol** | ENOSF1 |
| **NCBI Official Synonym Symbols** | RTS; TYMSAS; HSRTSBETA |
| **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 |
| **UniProt Entry Name** | ENOF1_HUMAN |
| **NCBI Protein Information** | mitochondrial enolase superfamily member 1; L-fuconate dehydratase; antisense RNA to thymidylate synthase |
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