



# ENOF1 Polyclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | YP-Ab-06959   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Rat;Mouse;  |
| <b>Applications</b>       | WB;ELISA  |
| <b>Gene Name</b>          | ENOSF1 RTS TYMSAS   |
| <b>Protein Name</b>       | Mitochondrial enolase superfamily member 1 (EC 5.-.-.-) (Antisense RNA to thymidylate synthase) (rTS)   |
| <b>Immunogen</b>          | Synthesized peptide derived from part region of human protein   |
| <b>Specificity</b>        | ENOF1 Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000  |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           |   |
| <b>Observed Band</b>      | 48kD  |
| <b>Cell Pathway</b>       | Mitochondrion .   |
| <b>Tissue Specificity</b> | Cervix carcinoma,Placenta,Trachea,  |
| <b>Function</b>           | caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Divalent metal ions. Magnesium seems to be the preferred ion.,function:May regulate thymidylate synthase activity.,miscellaneous:Was initially (PubMed:8493092) identified as a gene coding for an antisense RNA to thymidylate synthase.,PTM:Could be sumoylated.,similarity:Belongs to the mandelate racemase/muconate lactonizing enzyme family. ENOSF1 subfamily.,  |
| <b>Background</b>         | 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. [provided by |



RefSeq, Mar 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

