

For Research Use Only

# ENOSF1 Polyclonal antibody

Catalog Number: 31022-1-AP



## Basic Information

<b>Catalog Number:</b> 31022-1-AP	<b>GenBank Accession Number:</b> BC001285	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55556	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> enolase superfamily member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 50 kDa	
<b>Immunogen Catalog Number:</b> AG34665	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, K-562 cells, MCF-7 cells
<b>Species Specificity:</b> Human	

## Background Information

ENOSF1 (Mitochondrial enolase superfamily member 1) is also named as RTS and TYMSAS. The ENOSF1 gene, responsible for encoding the protein mitochondrial enolase superfamily member 1 (ENOF1), exhibits three distinct isoforms. One of these isoforms has been identified as an L-fuconate dehydratase, actively participating in the catabolism of L-fucose, a sugar integral to the carbohydrate composition of cellular glycoproteins (PMID: 38203276). The ENOSF1 transcript has been shown to act as antisense RNA and inhibit TYMS expression (PMID: 35931051).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

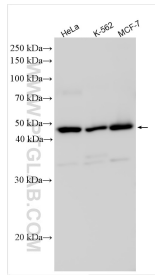
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31022-1-AP (ENOSF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.