

For Research Use Only

ENOSF1 Polyclonal antibody

Catalog Number: 31022-1-AP



Basic Information

Catalog Number: 31022-1-AP	GenBank Accession Number: BC001285	Purification Method: Antigen affinity Purification
Size: 450 µg/ml	GeneID (NCBI): 55556	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q7L5Y1	
Isotype: IgG	Full Name: enolase superfamily member 1	
Immunogen Catalog Number: AG34665	Calculated MW: 50 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, K-562 cells, MCF-7 cells
Species Specificity: 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

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

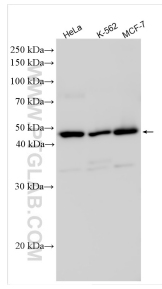
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Selected Validation Data



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.