

For Research Use Only

ENOSF1 Polyclonal antibody, PBS Only

Catalog Number: 31022-1-PBS



Basic Information

Catalog Number: 31022-1-PBS	GenBank Accession Number: BC001285	Purification Method: Antigen affinity Purification
Concentration: 1 mg/ml	GeneID (NCBI): 55556	
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, FC (Intra), IP, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only

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

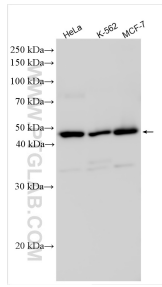
T: 4006900926

E: Proteintech-CN@ptglab.com

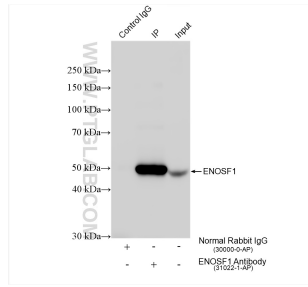
W: ptgcn.com

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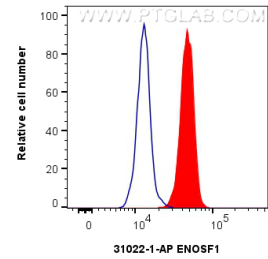
Selected Validation Data



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. This data was developed using the same antibody clone with 31022-1-PBS in a different storage buffer formulation.



IP result of anti-ENOSF1 (IP:31022-1-AP, 4ug; Detection:31022-1-AP 1:2000) with MCF-7 cells lysate 1600 ug. This data was developed using the same antibody clone with 31022-1-PBS in a different storage buffer formulation.



1×10^6 HeLa cells were intracellularly stained with 0.25 ug ENOSF1 Polyclonal antibody (31022-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 31022-1-PBS in a different storage buffer formulation.