

For Research Use Only

ENOPH1 Monoclonal antibody

Catalog Number: 68179-1-Ig



Basic Information

Catalog Number: 68179-1-Ig	GenBank Accession Number: BC065815	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 58478	CloneNo.: 1F1E11
Source: Mouse	UNIPROT ID: Q9UHY7	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: enolase-phosphatase 1	
Immunogen Catalog Number: AG12553	Calculated MW: 261 aa, 29 kDa	
	Observed MW: 29-35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, HeLa cells, HepG2 cells, Jurkat cells, pig brain tissue, rabbit brain tissue, rat brain tissue, mouse brain tissue
Species Specificity: Human, Mouse, Rat, Rabbit, Pig	

Background Information

ENOPH1, also named as MASA and MSTP145, belongs to the HAD-like hydrolase superfamily and MasA/MtnC family. ENOPH1 is a newly identified enzyme involved in L-methionine biosynthesis, which is associated with anxiety and depression. Studies have shown that ENOPH1 plays a crucial role in promoting the proliferation and migration of glioma cells (PMID: 32654229). ENOPH1 has 2 isoforms with the molecular mass of 13 and 29 kDa.

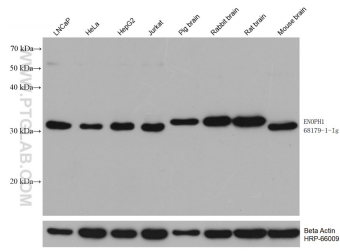
Storage

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:
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 68179-1-Ig (ENOPH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.