

For Research Use Only

TPI1 Recombinant monoclonal antibody

Catalog Number: 88045-1-RR



Basic Information

Catalog Number:	88045-1-RR	GenBank Accession Number:	BC007086	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	7167	CloneNo.:	260189G12
Source:	Rabbit	UNIPROT ID:	P60174	Recommended Dilutions:	WB: 1:1000-1:4000
Isotype:	IgG	Full Name:	triosephosphate isomerase 1		
Immunogen Catalog Number:	AG1175	Calculated MW:	27 kDa		
		Observed MW:	27 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB : A431 cells, A172 cells, T-47D cells, HepG2 cells, HEK-293 cells
Species Specificity:	human		

Background Information

TPI1(Triosephosphate isomerase) is also named as TIM, TPI and belongs to the triosephosphate isomerase family. It is a key enzyme in cell metabolism that controls the glycolytic flow and energy production through the interconversion of dihydroxyacetone phosphate (DHAP) and D-glyceraldehyde 3-phosphate (G3P)(PMID:19251756). Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency). It can exist as a homodimer(PMID:18562316).

Storage

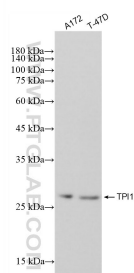
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

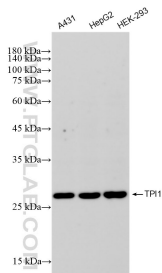
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88045-1-RR (TP11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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