

For Research Use Only

TIGAR Recombinant antibody

Catalog Number: 85052-4-RR



Basic Information

Catalog Number: 85052-4-RR	GenBank Accession Number: BC012340	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 57103	CloneNo.: 242625E7
Source: Rabbit	UNIPROT ID: Q9NQ88	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: chromosome 12 open reading frame 5	
Immunogen Catalog Number: AG17532	Calculated MW: 270 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HEK-293 cells, HCT 116 cells, Jurkat cells, HeLa cells
Species Specificity: human	

Background Information

The TP53-induced glycolysis and apoptosis regulator (TIGAR), first reported in 2006, is a downstream target gene of p53 and an important factor involved in glycolysis and apoptosis. It is indispensable in metabolism and is involved in metabolic syndrome, including hyperglycemia, insulin resistance, alcoholic fatty liver and tissue ischemia. TIGAR is highly expressed in many cancer cells to promote cell survival.

Storage

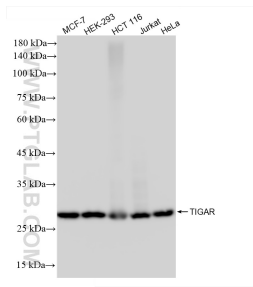
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

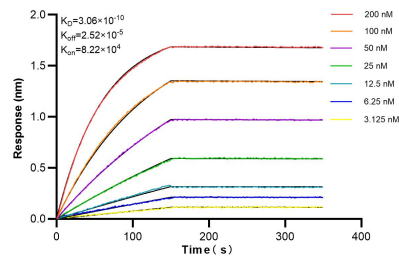
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85052-4-RR (TIGAR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85052-4-RR against Human TIGAR were performed. The affinity constant is 0.308 nM.