

For Research Use Only

TIGAR Recombinant antibody

Catalog Number: 85052-4-RR



Basic Information

Catalog Number:

85052-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17532

GenBank Accession Number:

BC012340

GeneID (NCBI):

57103

UNIPROT ID:

Q9NQ88

Full Name:

chromosome 12 open reading frame 5

Calculated MW:

270 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

242625E7

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HEK-293 cells, HCT 116 cells, Jurkat cells, HeLa cells

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

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

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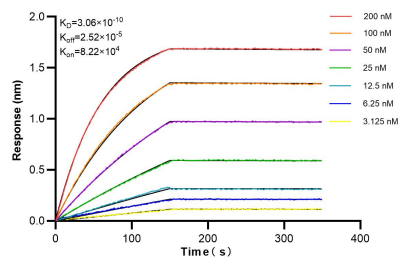
W: ptgcn.com

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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.