

For Research Use Only

TKTL2 Recombinant antibody

Catalog Number: 85612-3-RR



Basic Information

Catalog Number:

85612-3-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10884

GenBank Accession Number:

BC028707

GeneID (NCBI):

84076

UNIPROT ID:

Q9H0I9

Full Name:

transketolase-like 2

Calculated MW:

626 aa, 68 kDa

Observed MW:

68 kDa

Purification Method:

Protein A purification

CloneNo.:

243042B11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Jurkat cells, BxPC-3 cells, MCF-7 cells, HepG2 cells, mouse testis tissue, rat testis tissue, human testis tissue

Background Information

Transketolase-like 2 (TKTL2) plays an essential role in total transketolase activity and cell proliferation in cancer cells. TKTL2 is predicted to enable thiamine pyrophosphate binding activity and transketolase activity.

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

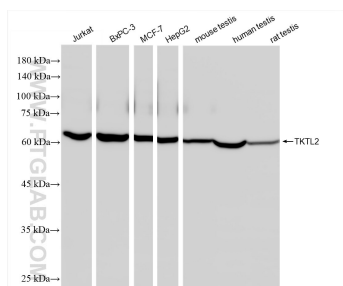
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

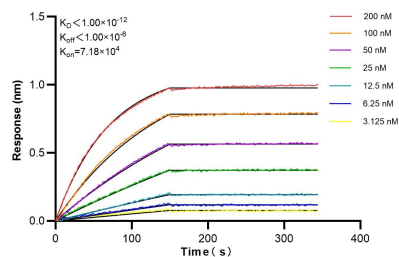
E: proteintech@ptglab.com
W: ptglab.com

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 85612-3-RR (TKTL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85612-3-RR against Human TKTL2 were performed. The affinity constant is below 1 pM.