

For Research Use Only

TKTL2 Recombinant antibody

Catalog Number: 85612-3-RR



Basic Information

Catalog Number:

85612-3-RR

Concentration:

1000 ug/ml

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

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

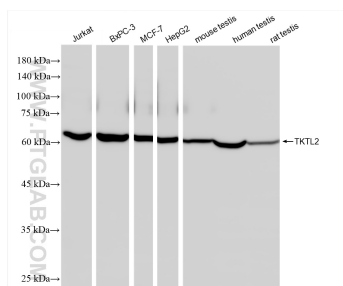
T: 4006900926

E: Proteintech-CN@ptglab.com

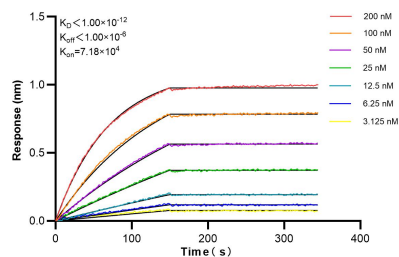
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.