

For Research Use Only

PPAT Recombinant antibody, PBS Only

Catalog Number: 85096-1-PBS



Basic Information

Catalog Number:

85096-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7618

GenBank Accession Number:

BC004200

GeneID (NCBI):

5471

UNIPROT ID:

Q06203

Full Name:

phosphoribosyl pyrophosphate amidotransferase

Calculated MW:

57 kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

242513C4

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

PPAT, also known as ATase (amidophosphoribosyltransferase) or GPAT (glutamine phosphoribosylpyrophosphate amidotransferase) is the rate-limiting enzyme in the de novo pathway of purine ribonucleotide synthesis and is regulated by feedback inhibition by AMP and GMP. PPAT expression modulates pyruvate kinase activity, cell proliferation and invasion (PMID: 26140362).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

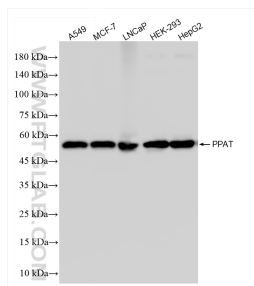
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E: proteintech@ptglab.com

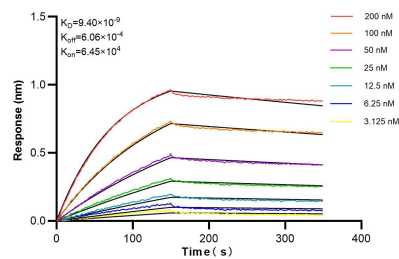
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85096-1-RR (PPAT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85096-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85096-1-RR against Human PPAT were performed. The affinity constant is 9.40 nM.