

# GAPDHS Recombinant antibody

Catalog Number: 83290-3-RR

## Basic Information

Catalog Number:

83290-3-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4988

GenBank Accession Number:

BC036373

GeneID (NCBI):

26330

UNIPROT ID:

O14556

Full Name:

glyceraldehyde-3-phosphate  
dehydrogenase, spermatogenic

Calculated MW:

45 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

240277F1

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse

Positive Controls:

WB : HeLa cells, MCF-7 cells, NIH/3T3 cells, mouse  
testis tissue

## Background Information

GAPDHS (Glyceraldehyde-3-phosphate dehydrogenase, testis-specific) is also named as GAPD2, GAPDH2, GAPDS and belongs to the glyceraldehyde-3-phosphate dehydrogenase family. It may play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. GAPDHS is a promising contraceptive target because it is specific to male germ cells, essential for sperm motility and male fertility, and well suited to pharmacological inhibition (PMID:20828617).

## 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:

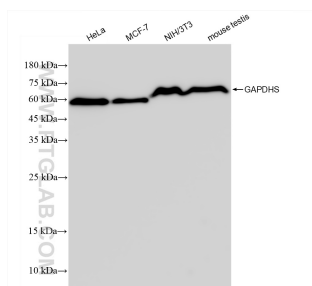
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

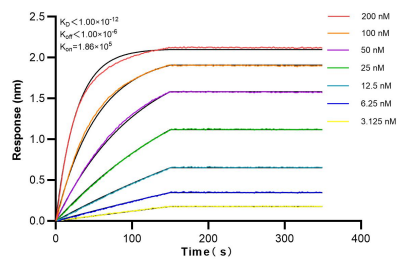
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83290-3-RR (GAPDH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83290-3-RR against Human GAPDH were performed. The affinity constant is below 1 pM.