

For Research Use Only

GAPDHS Polyclonal antibody

Catalog Number: 13937-1-AP **14 Publications**



Basic Information

Catalog Number:

13937-1-AP

Size:

600 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:

64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse, rat

Cited Species:

human, chicken, rat, mouse

Positive Controls:

WB : mouse testis tissue, rat 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).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------|-----------|----------------------|-------------|
| Jingya Gu | 33029279 | Oxid Med Cell Longev | WB |
| Zijun Peng | 34741939 | J Hazard Mater | WB |
| Guodong Liu | 29344176 | Oncol Lett | WB |

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:

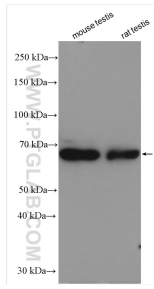
T: 4006900926

E: Proteintech-CN@ptglab.com

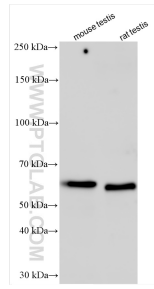
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13937-1-AP (GAPDH antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 13937-1-AP (GAPDH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.