

For Research Use Only

GAPDHS Polyclonal antibody

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



Basic Information

Catalog Number: 13937-1-AP	GenBank Accession Number: BC036373	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 26330	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: O14556	
Isotype: IgG	Full Name: glyceraldehyde-3-phosphate dehydrogenase, spermatogenic	
Immunogen Catalog Number: AG4988	Calculated MW: 45 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Cited Applications: WB	
Species Specificity: mouse, rat	
Cited Species: human, chicken, rat, mouse	

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

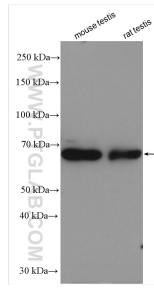
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

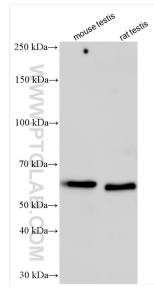
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.