bs-13282R

[Primary Antibody]

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GAPDHS Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 26330 **SWISS:** 014556

Target: GAPDHS

Immunogen: KLH conjugated synthetic peptide derived from human GAPDHS:

251-350/408.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene encodes a protein belonging to the glyceral dehyde-3-

phosphate dehydrogenase family of enzymes thatplay an important role in carbohydrate metabolism. Like its somaticcell counterpart, this sperm-specific enzyme functions in anicotinamide adenine dinucleotide-dependent manner to removehydrogen and add phosphate to glyceraldehyde 3-phosphate to form1,3-diphosphoglycerate. During spermiogenesis,

this enzyme may playan important role in regulating the switch between differentenergy-producing pathways, and it is required for sperm motilityand male fertility. [provided by RefSeq, Jul 2008].

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

Reactivity: Mouse, Rat

(predicted: Human, Sheep,

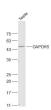
Cow, Dog, Horse)

Predicted

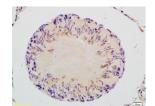
MW.: 45 kDa

Subcellular Cytoplasm Location:

- VALIDATION IMAGES -



Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-GAPDHS (bs-13282R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 47 kD



Tissue/cell: rat testis tissue; 4%
Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-GAPDHS Polyclonal Antibody, Unconjugated(bs-13282R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

- [IF=6.63] Guo, Zhi-chen. et al. Porphyromonas gingivalis promotes the progression of oral squamous cell carcinoma by activating the neutrophil chemotaxis in the tumour microenvironment. CANCER IMMUNOL IMMUN. 2022 Dec;:1-17 WB; Mouse. 36513851
- [IF=6.3] Dayan Xiong. et al. The SLCO4A1-Mediated Transmembrane Transport of Lysionotin Attenuates Acute Lung Injury Through Activating the AMPK/Nrf2 Signaling Pathway. PHYTOTHER RES. 2025 Aug;: WB; MOUSE. 40832965
- [IF=4.068] Ming Li. et al. ADAMTS12, a novel prognostic predictor, promotes cell proliferation, migration and invasion

in head and neck squamous cell carcinoma. ORAL DIS. 2022 Oct;: WB; Human. 36222542

- [IF=4.2] Pinglang Ruan. et al.GIMAP1 interacts with TMX1 to improve lung adenocarcinoma prognosis by influencing tumor immune microenvironment.BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE.2025

 Mar;1871(3):167661. Western blot; Human. 39805394
- [IF=2.09] Zhang, Jizheng, Hua Zhang, and Tingting Zi. "Overexpression of microRNA-141 relieves chronic constriction injury-induced neuropathic pain via targeting high-mobility group box 1." International Journal of Molecular Medicine. WB; Rat. 26398163