

PGAM5 Rabbit mAb

Catalog No.: A29307 **Recombinant**

Basic Information

Observed MW

28 kDa/30 kDa

Calculated MW

28 kDa/32 kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3980

Background

Enables GTPase activator activity and protein serine/threonine phosphatase activity. Involved in necroptotic process. Located in mitochondrion.

Recommended Dilutions

WB 1:2000 - 1:15000

IHC-P 1:100 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

192111

Swiss Prot

Q96HS1

Immunogen

This information is considered to be commercially sensitive.

Synonyms

BXLBV68

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

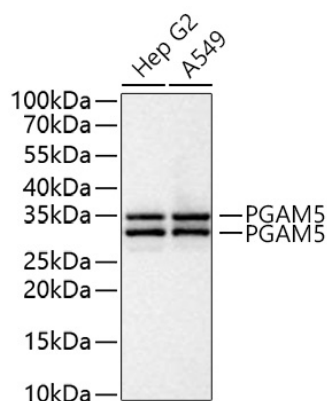
Contact

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Validation Data



Western blot analysis of various lysates using PGAM5 Rabbit mAb (A29307) at 1:5000 dilution incubated overnight at 4°C.

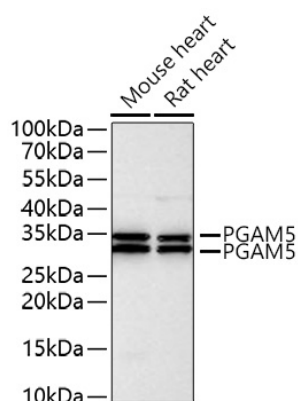
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1 s.



Western blot analysis of various lysates using PGAM5 Rabbit mAb (A29307) at 1:5000 dilution incubated overnight at 4°C.

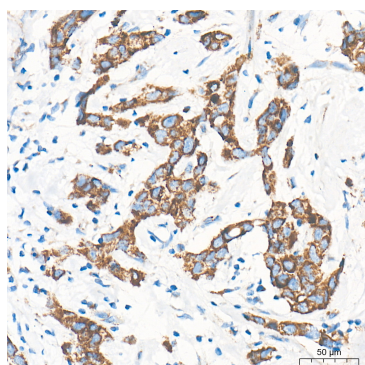
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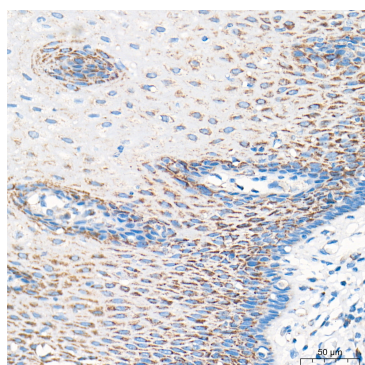
Blocking buffer: 3% nonfat dry milk in TBST.

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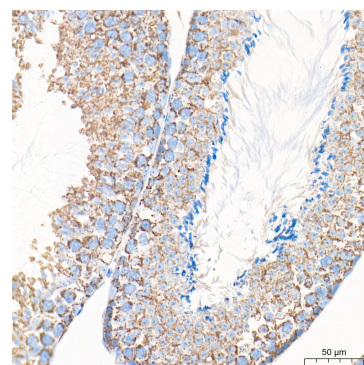
Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using PGAM5 Rabbit mAb (A29307) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

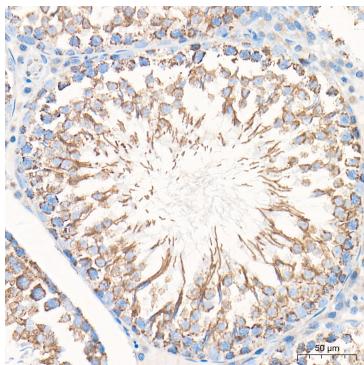


Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using PGAM5 Rabbit mAb (A29307) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using PGAM5 Rabbit mAb (A29307) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using PGAM5 Rabbit mAb (A29307) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.