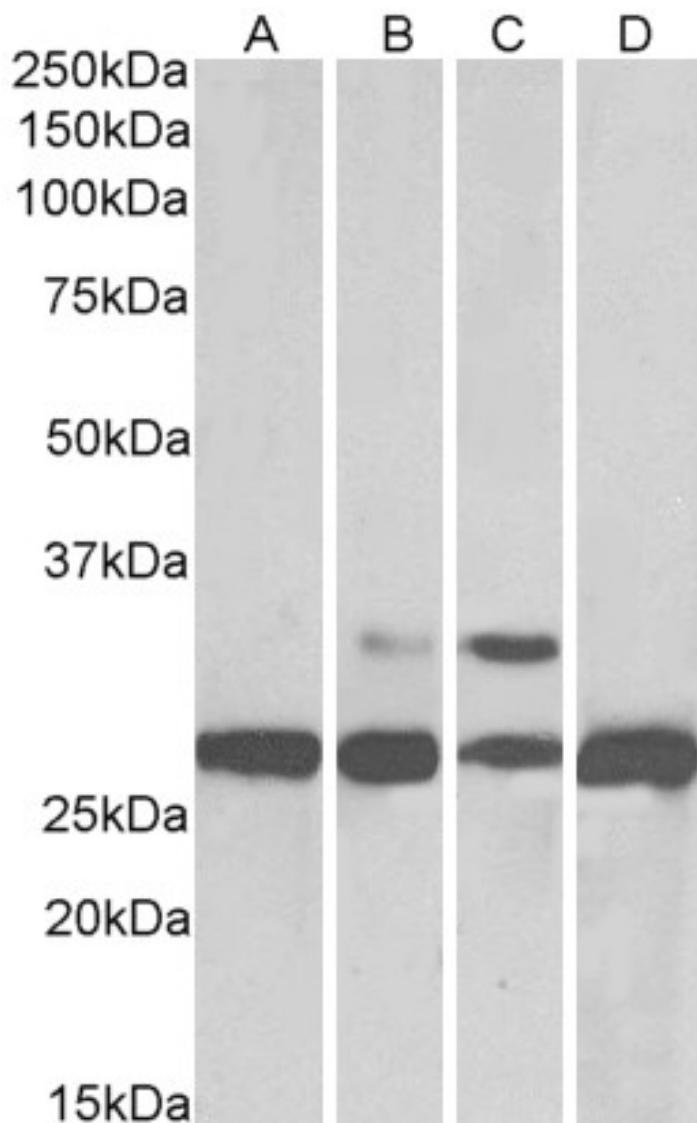


GOAT ANTI-PGAM1 / PGAM2 / PGAM4 ANTIBODY

SKU: EB05028



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size 100 µg

Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	OTTHUMP00000063546 BPG-dependent PGAM 2 PGAM-M OTTHUMP0000020190 BPG-dependent PGAM 1 bisphosphoglycerate mutase 4 bisphosphoglycerate mutase 2 bisphosphoglycerate mutase 1 phosphoglycerate mutase processed protein phosphoglycerate mutase family 4 phosphoglycerate mutase family 3 dJ1000K24.1 PGAM-B phosphoglycerate mutase family member 4 PGAM3 Phosphoglycerate mutase, muscle form PGAMM MGC88743 phosphoglycerate mutase 2 (muscle) Phosphoglycerate mutase A, nonmuscle form OTTHUMP0000059414 RP11-452K12.8 PGAMA phosphoglycerate mutase 1 (brain) PGAM2 PGAM1
Accession ID	NP_002620.1; NP_000281.2; NP_001025062.1
Blocking Peptide	EBP05028
Immunogen	Peptide with sequence C-KAMEAVAAQGKAKK, from the C Terminus of the protein sequence according to NP_002620.1; NP_000281.2; NP_001025062.1.
Product Comments	Please note this antibody is expected to recognize the products of 3 highly similar genes.
Peptide Sequence	C-KAMEAVAAQGKAKK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human, Mouse, Rat, Pig
Human Gene ID	5223, 5224
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 28kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 28.8kDa according to NP_002620.1; NP_000281.2 and of NP_001025062.1). The additional 30kDa band observed in the rodent lysates likely represent the acetylated form. Recommended concentration: 0.05-0.15µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018"}]

Nov;15(11):909-912"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

