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Datasheet for ABIN184567

anti-PGAM1/2/4 antibody (C-Term)

3 Images

Overview

Quantity:	100 µg
Target:	PGAM1/2/4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Pig, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PGAM1/2/4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	PGAM1 / PGAM2 / PGAM4
Immunogen:	C-KAMEAVAAQGKAKK
Sequence:	KAMEAVAAQG KAKK
Isotype:	IgG
Specificity:	Please note this antibody is expected to recognize the products of 3 highly similar genes.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

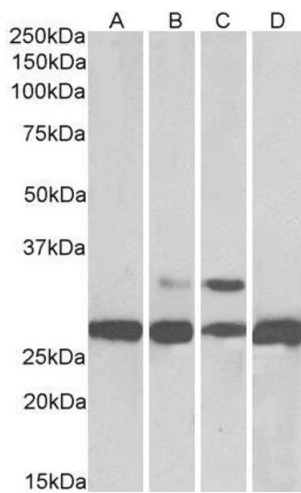
Target:	PGAM1/2/4
Alternative Name:	PGAM1 / PGAM2 / PGAM4 (PGAM1/2/4 Products)
Background:	PGAM1, PGAM2, phosphoglycerate mutase 1 (brain), PGAMA, RP11-452K12.8, OTTHUMP00000059414, Phosphoglycerate mutase A, nonmuscle form, phosphoglycerate mutase 2 (muscle), MGC88743, PGAMM, Phosphoglycerate mutase, muscle form, PGAM3, phosphoglycerate mutas
Gene ID:	5223, 5224, 441531
NCBI Accession:	NP_002620 , NP_000281 , NP_001025062

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 28.8 kDa according to NP_002620.1, NP_000281.2 and of NP_001025062.1). The additional 30 kDa band observed in the rodent lysates likely represent the acet Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

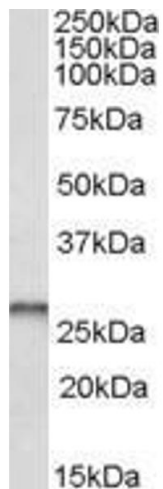
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



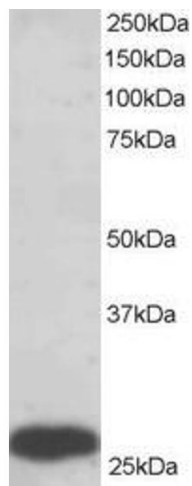
Western Blotting

Image 1. ABIN184567 (0.05 μ g/ml) staining of Human (A), Mouse (B), Rat (C) and Pig Liver (D) lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN184567 staining (0.01 μ g/mL) of human liver lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN184567 staining (0.5 μ g/ml) of human liver lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.