



## Goat anti-PGAM1 / PGAM2 / PGAM4 Antibody

<b>Item Number</b>	dAP-0320
<b>Target Molecule</b>	Principle Name: PGAM1 / PGAM2 / PGAM4; Official Symbol: PGAM1 / PGAM2 / PGAM4; All Names and Symbols: PGAM1; PGAM2; phosphoglycerate mutase 1 (brain); PGAMA; RP11-452K12.8; OT-THUMP00000059414; Phosphoglycerate mutase A, nonmuscle form; phosphoglycerate mutase 2 (muscle); MGC88743; PGAMM; Phosphoglycerate mutase, muscle form; PGAM3; phosphoglycerate mutase; Accession Number (s): NP_002620.1; NP_000281.2; NP_001025062.1; Human Gene ID(s): 5223;
<b>Immunogen</b>	KAMEAVAAQGKAKK, is from C Terminus Please note this antibody is expected to recognize the products of 3 highly similar genes.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 27kDa band observed in Human Cerebellum and in Human and Mouse Liver lysates, and approx 28kDa band observed in Rat and Pig Liver lysates (calculated MW of 28.8kDa according to Human NP_002620.1, NP_000281.2, and NP_001025062.1, Mous
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sakoda S, Shanske S, DiMauro S, Schon EA. Isolation of a cDNA encoding the B isozyme of human phosphoglycerate mutase (PGAM) and characterization of the PGAM gene family. J Biol Chem. 1988 Nov 15;263(32):16899-905..PMID: 2846553->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**