

Product datasheet for R1090

GPD1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA Immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity. <u>Note:</u> This product has been assayed against 1.0 ug of Glycerol-3-Phosphate-Dehydrogenase [Rabbit Muscle] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) (Cat#R1317HRP) and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/20,000 to 1/100,000 of the reconstitution concentration is suggested for this product. <u>Recommended Dilutions:</u> ELISA: 1/5,000-1/25,000 Western Blot: 1/500-1/3,000
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Glycerol-3-Phosphate-Dehydrogenase [Rabbit Muscle].
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multistep process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Glycerol 3-Phosphate Dehydrogenase [Rabbit Muscle]. Cross reactivity against Glycerol-3-Phosphate Dehydrogenase from other sources is unknown.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 with 0.01% (w/v) Sodium Azide as preservative. State: Serum State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Multistep process.



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Conjugation:	Unconjugated
Storage:	Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended aliquot contents and freeze at -20°C or below. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P08507
Background:	Glycerol 3 Phosphate Dehydrogenase is a homodimer and belongs to the NAD dependent Glycerol 3 Phosphate Dehydrogenase family.
Synonyms:	GPDH-C, GPDHC, GPD-C, GPDC, Glycerol-3-phosphate dehydrogenase