

Datasheet for ABIN99895 **anti-GPD1 antibody**



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Overview

Quantity:	2 mL
Target:	GPD1
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GPD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Glycerol-3-Phosphate Dehydrogenase Antibody
Immunogen:	Immunogen: Glycerol-3-Phosphate-Dehydrogenase [Rabbit Muscle] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, purified and partially purified Glycerol-3-Phosphate-Dehydrogenase [Rabbit Muscle].
Characteristics:	Synonyms: goat anti-Glycerol-3-Phosphate Dehydrogenase Antibody, FLJ26652 antibody, G3PD antibody, Gdc-1 antibody, Glycerphosphate dehydrogenase antibody, GPD-C antibody, Gpd1 protein antibody
Purification:	This product was prepared from monospecific antiserum by a delipidation and defibrination.

Target Details

Target:	GPD1
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Target Details

Alternative Name:	GPD1 (GPD1 Products)
Background:	Background: Catalytic activity of Glycerol-3-Phosphate-Dehydrogenase is sn-glycerol 3-phosphate + NAD ⁺ = glycerone phosphate + NADH.
Gene ID:	100339469, 3043365
UniProt:	P08507

Application Details

Application Notes:	Application Note: This product has been assayed against 1.0 µg of Glycerol-3-Phosphate-Dehydrogenase [Rabbit Muscle] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) code #605-4302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 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. Western Blot Dilution: 1:500 - 1:3,000 ELISA Dilution: 1:5,000 - 1:25,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 2.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	90 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

Handling

or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months