

## Product datasheet for **AP17436PU-N**

### Glycerol 3 Phosphate Dehydrogenase (GPD1) (N-term) Rabbit Polyclonal Antibody

#### Product data:

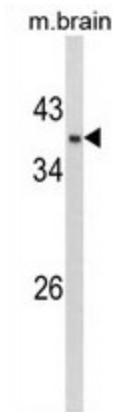
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/100-1/500. Flow Cytometry: 1/10-1/50 Immunohistochemistry: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 35~65 amino acids from the N-terminal region of Human GPD1
Specificity:	This antibody detects GPD1 at N-term.
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glycerol-3-phosphate dehydrogenase 1
Database Link:	<a href="#">Entrez Gene 14555 Mouse</a> <a href="#">Entrez Gene 2819 Human</a> <a href="#">P21695</a>
Background:	GRB14, GPD1, and GDF8 as potential network collaborators in weight loss-induced improvements in insulin action in human skeletal muscle.
Synonyms:	GPDH-C, GPDHC, GPD-C, GPDC, Glycerol-3-phosphate dehydrogenase
Note:	Molecular weight: 37568 Da



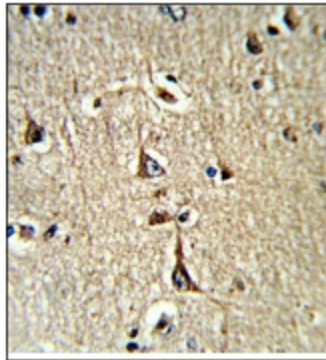
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Protein Pathways: Glycerophospholipid metabolism

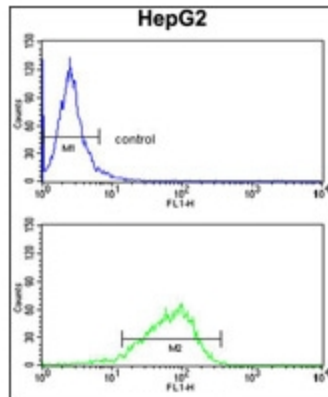
**Product images:**



Western blot analysis of GPD1 Antibody (N-term) in Mouse brain tissue lysates (35 ug/lane). GPD1 (arrow) was detected using the purified Pab.



GPD1 Antibody (N-term) staining of Formalin-Fixed, Paraffin-Embedded Human brain tissue using a peroxidase-conjugated to the secondary antibody, followed by DAB staining.



GPD1 Antibody (N-term) Flow Cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.