

Datasheet for ABIN2775306

anti-GPD1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	GPD1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Rat, Dog, Guinea Pig, Horse, Cow, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GPD1
Sequence:	TFLESCGVAD LITTCYGGRN RKVAEAFART GKSIEQLEKE LLNGQKLQGP
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Yeast: 93%
Characteristics:	This is a rabbit polyclonal antibody against GPD1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GPD1
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Target Details

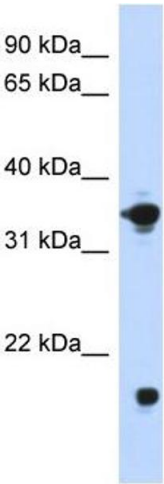
Alternative Name:	GPD1 (GPD1 Products)
Background:	GPD1L belongs to the NAD-dependent glycerol-3-phosphate dehydrogenase family. Defects in GPD1L are the cause of Brugada syndrome type 2 (BRS2) and sudden infant death syndrome (SIDS). Alias Symbols: FLJ26652, HTGTI Protein Interaction Partner: GK, PTN, MDH1, Protein Size: 349
Molecular Weight:	37 kDa
Gene ID:	2819
NCBI Accession:	NM_005276 , NP_005267
UniProt:	P21695

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 349 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-GPD1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T