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Datasheet for ABIN7154169  
**anti-PGP antibody (AA 140-300) (Biotin)**

### Overview

Quantity:	100 µg
Target:	PGP
Binding Specificity:	AA 140-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGP antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Glycerol-3-phosphate phosphatase protein (140-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	PGP
Alternative Name:	PGP ( <a href="#">PGP Products</a> )
Background:	Background: Glycerol-3-phosphate phosphatase hydrolyzing glycerol-3-phosphate into glycerol. Thereby, regulates the cellular levels of glycerol-3-phosphate a metabolic intermediate of

## Target Details

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glucose, lipid and energy metabolism. Was also shown to have a 2-phosphoglycolate phosphatase activity and a tyrosine-protein phosphatase activity. However, their physiological relevance is unclear (PubMed:26755581). In vitro, has also a phosphatase activity toward ADP, ATP, GDP and GTP (By similarity).

Aliases: PGP antibody, PGP\_HUMAN antibody, PGPase antibody, Phosphoglycolate phosphatase antibody

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UniProt: [A6NDG6](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.