

Rabbit anti-Human PGP Polyclonal Antibody | anti-PGP antibody

PGP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230882	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

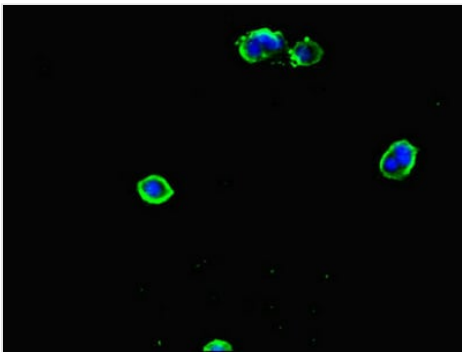
PRODUCT SYNONYMS

PGP; Polyclonal Antibody; PGP Antibody; Glycerol-3-phosphate phosphatase; Curated; Aspartate-based ubiquitous Mg(2+)-dependent phosphatase1; anti-PGP antibody

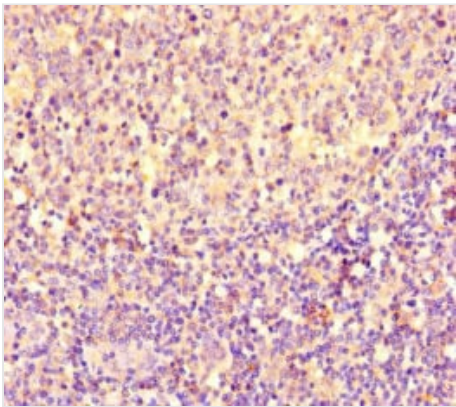
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	321
Applicable Applications for anti-PGP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Glycerol-3-phosphate phosphatase protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-241605 / sc-241607
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of MCF7 cells using AAA230882 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA230882 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PGP antibody	Glycerol-3-phosphate phosphatase hydrolyzing glycerol-3-phosphate into glycerol. Thereby, regulates the cellular levels of glycerol-3-phosphate a metabolic intermediate of 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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	108796653
NCBI GeneID	283871
NCBI Accession #	NP_001035830.1
NCBI GenBank Nucleotide #	NM_001042371.2
UniProt Accession #	A6NDG6
Molecular Weight	34,006 Da
NCBI Official Full Name	glycerol-3-phosphate phosphatase
NCBI Official Synonym Full Names	phosphoglycolate phosphatase
NCBI Official Symbol	PGP
NCBI Official Synonym Symbols	AUM; G3PP; PGPase
NCBI Protein Information	glycerol-3-phosphate phosphatase
UniProt Protein Name	Glycerol-3-phosphate phosphatase
UniProt Gene Name	PGP
UniProt Synonym Gene Names	PGP
UniProt Entry Name	PGP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.