

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

PGP Antibody (N-term)

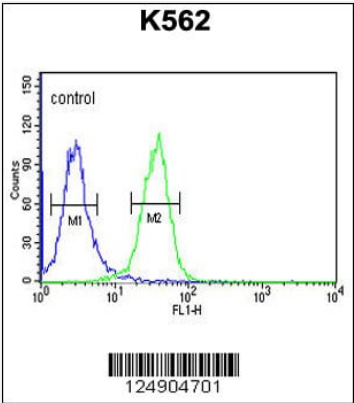
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286562	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

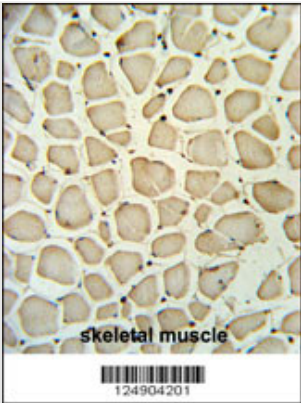
PGP; Polyclonal Antibody; PGP Antibody (N-term); Phosphoglycolate phosphatase; PGPase; anti-PGP antibody

PRODUCT SPECIFICATIONS

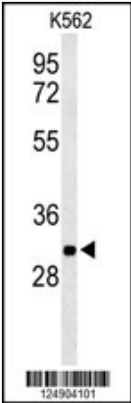
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PGP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-62 amino acids from the N-terminal region of human PGP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	33-62
Sequence Length	321
Applicable Applications for anti-PGP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PGP Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
PGP Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PGP Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PGP Antibody (N-term) in K562 cell line lysates (35ug/lane). PGP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGP antibody	Metabolism; Signal Transduction
References	Garcia, M.G., et al. Leuk. Res. 33(2):288-296(2009) Lin, Y.C., et al. Ther Drug Monit 28(5):668-672(2006) de Leon, J., et al. J Clin Psychopharmacol 25(5):448-456(2005) Turzanski, J., et al. Exp. Hematol. 33(1):62-72(2005)

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	34006
NCBI Official Full Name	phosphoglycolate phosphatase

NCBI Official Synonym Full Names	phosphoglycolate phosphatase
NCBI Official Symbol	PGP
NCBI Official Synonym Symbols	PGPase
NCBI Protein Information	phosphoglycolate phosphatase
UniProt Protein Name	Phosphoglycolate phosphatase
UniProt Gene Name	PGP
UniProt Synonym Gene Names	PGP; PGPase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pgp-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286562>