

Product datasheet for **AP53271PU-N**

PGP (N-term) Rabbit Polyclonal Antibody

Product data:

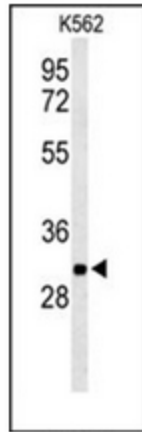
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 40~70 amino acids from the N-terminal region of human PGP
Specificity:	This antibody recognizes Human PGP (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store 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:	phosphoglycolate phosphatase
Database Link:	Entrez Gene 283871 Human A6NDG6
Synonyms:	MGC4692; PGPase
Note:	Molecular Weight: 34006 Da



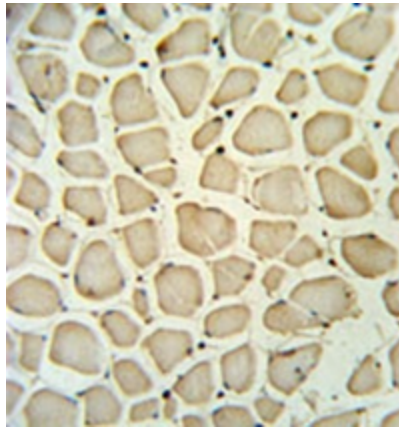
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Protein Pathways: Glyoxylate and dicarboxylate metabolism, Metabolic pathways

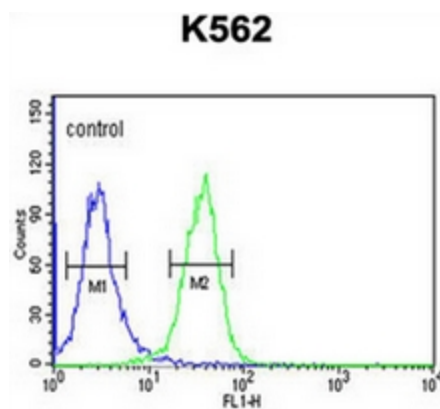
Product images:



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



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



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