

Rabbit PGLS Polyclonal Antibody | anti-PGLS antibody

PGLS Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285870	Rabbit	Human (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

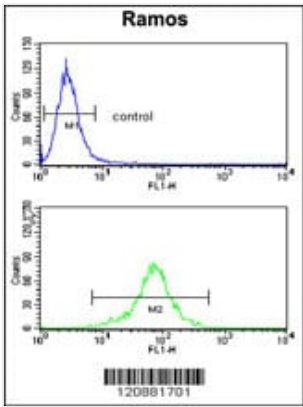
PRODUCT SYNONYMS

PGLS; Polyclonal Antibody; PGLS Antibody (C-term); 6-phosphogluconolactonase; 6PGL; anti-PGLS antibody

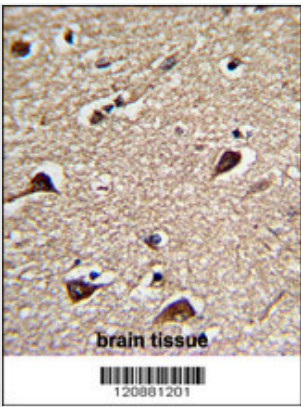
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PGLS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-220 amino acids from the C-terminal region of human PGLS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	191-220
Sequence Length	258
Applicable Applications for anti-PGLS 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.

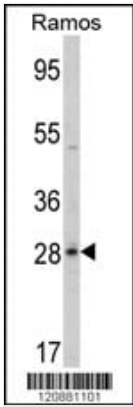
IMAGES



FCM/FACS (Flow Cytometry)
PGLS Antibody (C-term) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with PGLS Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PGLS antibody	PGLS hydrolyzes 6-phosphogluconolactone to 6-phosphogluconate.
Product Categories/Family for anti-PGLS antibody	Cancer; Metabolism; Neuroscience; Signal transduction
References	Miclet,E., et.al., J. Biol. Chem. 276 (37), 34840-34846 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912586
NCBI GeneID	25796
NCBI Accession #	NP_036220.1
NCBI GenBank Nucleotide #	NM_012088.2
UniProt Accession #	O95336
Molecular Weight	27547
NCBI Official Full Name	6-phosphogluconolactonase

NCBI Official Synonym Full Names	6-phosphogluconolactonase
NCBI Official Symbol	PGLS
NCBI Official Synonym Symbols	6PGL
NCBI Protein Information	6-phosphogluconolactonase
UniProt Protein Name	6-phosphogluconolactonase
UniProt Gene Name	PGLS
UniProt Synonym Gene Names	6PGL
UniProt Entry Name	6PGL_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/pgls-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285870>