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PGLS Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2935b

Specification

PGLS Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	O95336
Other Accession	P85971
Reactivity	**Human**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**27547**
Antigen Region	**191-220**

PGLS Antibody (C-term) - Additional Information

Gene ID 25796

Other Names
6-phosphogluconolactonase, 6PGL, PGLS

Target/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.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PGLS Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PGLS Antibody (C-term) - Protein Information

Name PGLS (HGNC:8903)

Function Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.

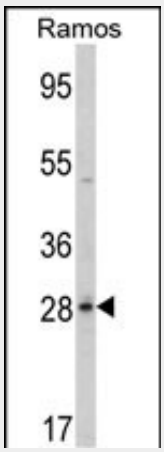
Cellular Location
Cytoplasm.

PGLS Antibody (C-term) - Protocols

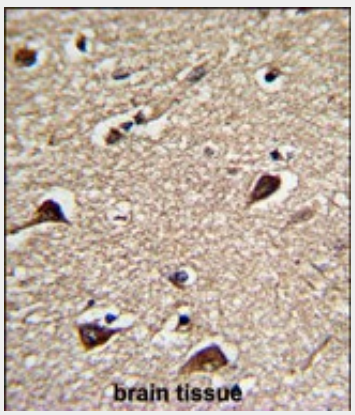
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PGLS Antibody (C-term) - Images



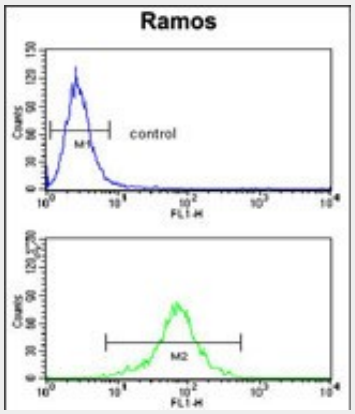
Western blot analysis of PGLS Antibody (C-term) (Cat. #AP2935b) in Ramos cell line lysates (35ug/lane). PGLS (arrow) was detected using the purified Pab.



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

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evaluated.



PGLS Antibody (C-term) (Cat. #AP2935b) 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.

PGLS Antibody (C-term) - Background

PGLS hydrolyzes 6-phosphogluconolactone to 6-phosphogluconate.

PGLS Antibody (C-term) - References

Miclet,E., et.al., J. Biol. Chem. 276 (37), 34840-34846 (2001)