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PGLS Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2935b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O95336
Other Accession	P85971
Reactivity	Human
Predicted	Rat, Mouse, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20881
Calculated MW	27547
Antigen Region	191-220

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~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	PGLS (HGNC:8903)
Function	Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.

Cellular Location Cytoplasm.

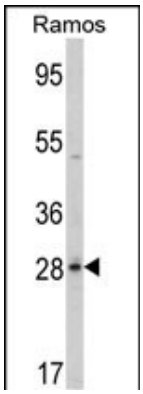
Background

PGLS hydrolyzes 6-phosphogluconolactone to 6-phosphogluconate.

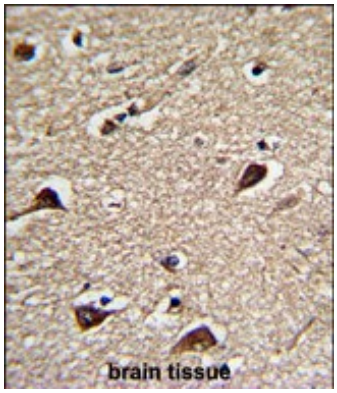
References

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

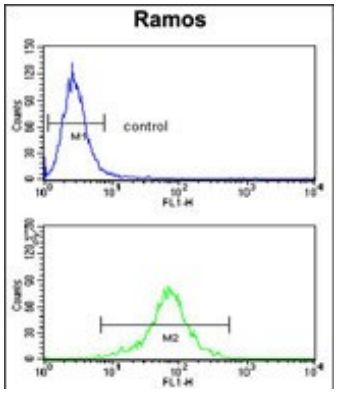
Images



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 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.