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Datasheet for ABIN389482 anti-PGLS antibody (C-Term)

3 Images



Overview

Quantity:	400 µL
Target:	PGLS
Binding Specificity:	AA 191-220, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGLS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB20881
lsotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

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Target Details

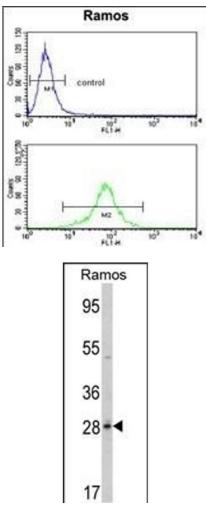
Alternative Name:	PGLS (PGLS Products)
Background:	PGLS hydrolyzes 6-phosphogluconolactone to 6-phosphogluconate.
Molecular Weight:	27547
Gene ID:	25796
NCBI Accession:	NP_036220
UniProt:	095336

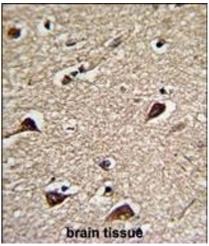
Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Flow Cytometry

Image 1. PGLS Antibody (C-term) (ABIN389482 and ABIN2839542) 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.

Western Blotting

Image 2. Western blot analysis of PGLS Antibody (C-term) (ABIN389482 and ABIN2839542) in Ramos cell line lysates (35 µg/lane). PGLS (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. 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.

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