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PURG Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10617b

Specification

PURG Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q9UJV8
Other Accession	NP_001015508.1, NP_037489.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39556**
Antigen Region	**225-253**

PURG Antibody (C-term) - Additional Information

Gene ID 29942

Other Names
Purine-rich element-binding protein gamma, PURG

Target/Specificity
This PURG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-253 amino acids from the C-terminal region of human PURG.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

PURG Antibody (C-term) - Protein Information

Name PURG

Cellular Location

Nucleus.

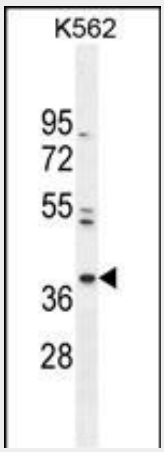
Tissue Location
Isoform 1 is expressed in testis and glioblastoma. Isoform 2 is expressed in fetal lung.

PURG Antibody (C-term) - Protocols

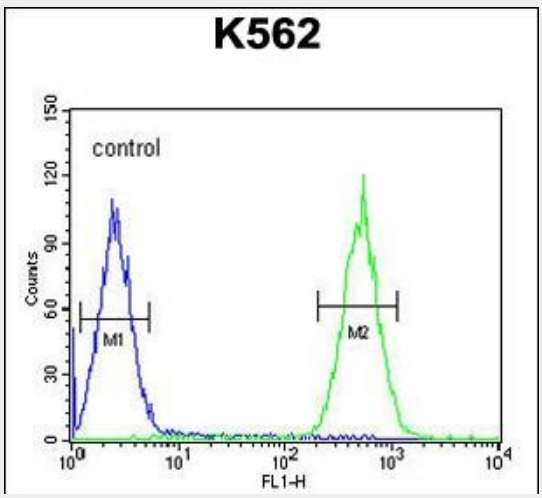
Provided below are standard protocols that you may find useful for product applications.

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

PURG Antibody (C-term) - Images



PURG Antibody (C-term) (Cat. #AP10617b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the PURG antibody detected the PURG protein (arrow).



PURG Antibody (C-term) (Cat. #AP10617b) flow cytometric analysis of K562 cells (right

histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PURG Antibody (C-term) - Background

The exact function of this gene is not known, however, its encoded product is highly similar to purine-rich element binding protein A. The latter is a DNA-binding protein which binds preferentially to the single strand of the purine-rich element termed PUR, and has been implicated in the control of both DNA replication and transcription. PURG lies in close proximity to the Werner syndrome gene, but on the opposite strand, on chromosome 8p11. Two transcript variants encoding different isoforms have been found for this gene.

PURG Antibody (C-term) - References

Liu, H., et al. Nucleic Acids Res. 30(11):2417-2426(2002)