

Product datasheet for **AP53520PU-N**

PURG (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 232-261 amino acids from the C-terminal region of Human PURG.
Specificity:	This antibody recognizes Human PURG (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	purine-rich element binding protein G
Database Link:	Entrez Gene 29942 Human Q9UJV8



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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.

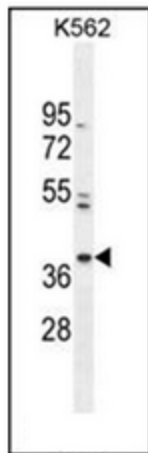
Synonyms:

Pur-gamma, PURG-A, PURG-B

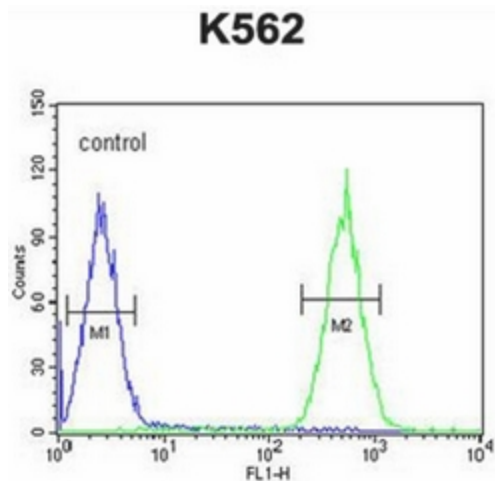
Note:

Molecular Weight: 39556 Da

Product images:



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



Flow cytometric analysis of K562 cells using PURG Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.