

Rabbit anti-Human PURG Polyclonal Antibody | anti-PURG antibody

PURG Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285943	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

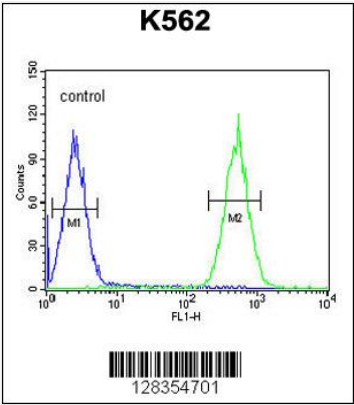
PRODUCT SYNONYMS

PURG; Polyclonal Antibody; PURG Antibody (C-term); Purine-rich element-binding protein gamma; anti-PURG antibody

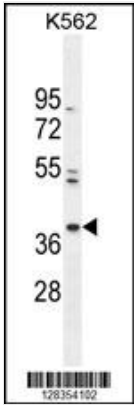
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	225-253
Sequence Length	322
Applicable Applications for anti-PURG antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
PURG Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PURG antibody	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.
References	Liu, H., et al. Nucleic Acids Res. 30(11):2417-2426(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865862
NCBI GeneID	29942
NCBI Accession #	NP_001015508.1; NP_037489.1
NCBI GenBank Nucleotide #	NM_001015508.2
UniProt Accession #	Q9UJV8; Q8TE64
Molecular Weight	39556
NCBI Official Full Name	purine-rich element-binding protein gamma isoform B
NCBI Official Synonym Full Names	purine-rich element binding protein G
NCBI Official Symbol	PURG
NCBI Official Synonym Symbols	PURG-A; PURG-B
NCBI Protein Information	purine-rich element-binding protein gamma
UniProt Protein Name	Purine-rich element-binding protein gamma
UniProt Gene Name	PURG
UniProt Entry Name	PURG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/purg-antibody-flow-cytometry-western-blot-elisa/285943>