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PURG Rabbit pAb

Catalog # AP96462

Product Information

Application	WB
Primary Accession	Q9UJV8
Other Accession	Q9UJV8
Predicted	Rat, Human, Mouse, Rabbit, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39556
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PURG
Epitope Specificity	1-100/347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The exact function of PURG 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.

Additional Information

Gene ID	29942
Other Names	PURG-A; PURG-B; PURGA; PURGB; 4930486B15Rik; PURG_HUMAN; PURG; Purine-rich element-binding protein G; PURG_MOUSE; purine rich element binding protein G
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PURG

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

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