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PUR4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP4751a

Specification

PUR4 Antibody (N-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	O15067
Other Accession	Q5SUR0
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**144734**
Antigen Region	**184-213**

PUR4 Antibody (N-term) - Additional Information

Gene ID 5198

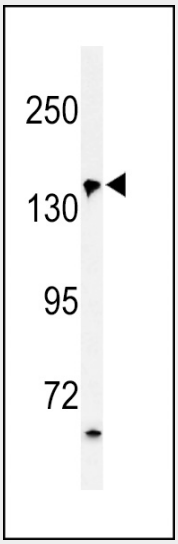
Other Names
Phosphoribosylformylglycinamidine synthase, FGAM synthase, FGAMS, Formylglycinamide ribonucleotide amidotransferase, FGAR amidotransferase, FGAR-AT, Formylglycinamide ribotide amidotransferase, PFAS, KIAA0361

Target/Specificity
This PUR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-213 amino acids from the N-terminal region of human PUR4.

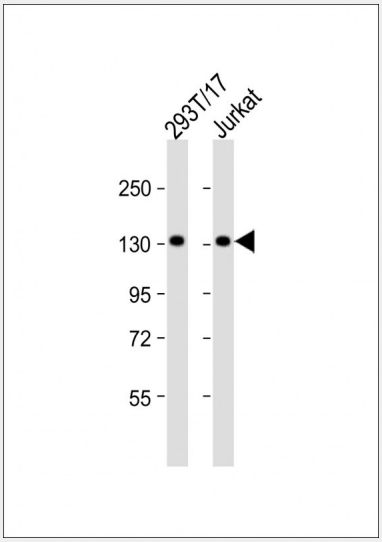
Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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



Western blot analysis of PUR4 Antibody (N-term) (Cat. #AP4751a) in HepG2 cell line lysates (35ug/lane). PUR4 (arrow) was detected using the purified Pab.



All lanes : Anti-PUR4 Antibody (N-term) at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 145 kDa

in small aliquots to prevent freeze-thaw cycles.

Precautions
PUR4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PUR4 Antibody (N-term) - Protein Information

Name PFAS

Synonyms KIAA0361

Function
Phosphoribosylformylglycinamidine synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamidine ribonucleotide (FGAM) and glutamate (By similarity).

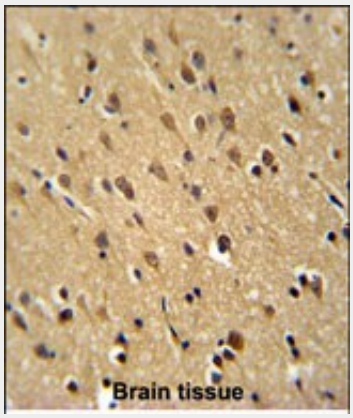
Cellular Location
Cytoplasm.

PUR4 Antibody (N-term) - Protocols

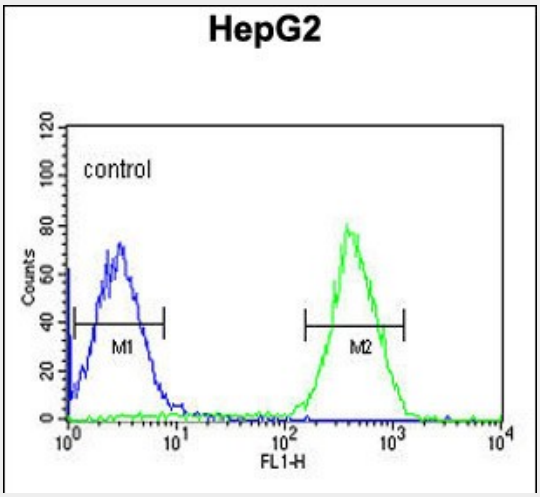
Provided below are standard protocols that you may find useful for product applications.

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

Blocking/Dilution buffer: 5% NFDM/TBST.



PUR4 Antibody (N-term) (Cat. #AP4751a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PUR4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



PUR4 Antibody (N-term) (Cat. #AP4751a) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.