

PRPSAP2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57509

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O60256
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40926
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRPSAP2
Epitope Specificity	1-100/369
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ribose-phosphate pyrophosphokinase family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein that associates with the enzyme phosphoribosylpyrophosphate synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine and pyrimidine nucleotides, histidine, tryptophan and NAD. PRS exists as a complex with two catalytic subunits and two associated subunits. This gene encodes a non-catalytic associated subunit of PRS. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]

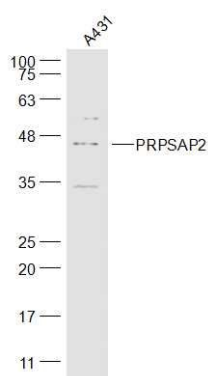
Additional Information

Gene ID	5636
Other Names	Phosphoribosyl pyrophosphate synthase-associated protein 2, PRPP synthase-associated protein 2, 41 kDa phosphoribosylpyrophosphate synthetase-associated protein, PAP41, PRPSAP2
Target/Specificity	Ubiquitous.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	PRPSAP2
Function	Seems to play a negative regulatory role in 5-phosphoribose 1-diphosphate synthesis.
Tissue Location	Ubiquitous.

Images



Sample:

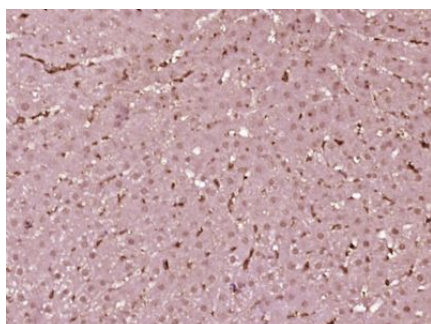
A431(Human) Cell Lysate at 40 ug

Primary: Anti-aPRPSAP2 (AP57509) at 1/300 dilution

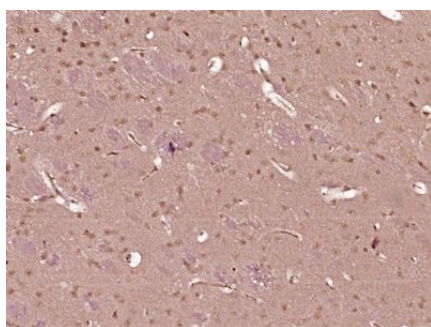
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kD

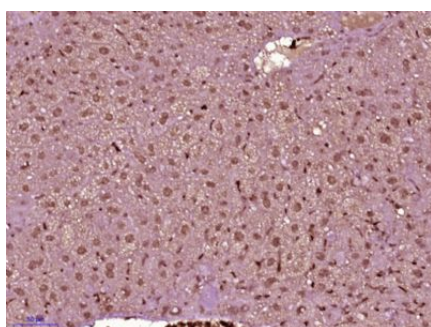
Observed band size: 41 kD



Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PRPSAP2) Polyclonal Antibody, Unconjugated (AP57509) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PRPSAP2) Polyclonal Antibody, Unconjugated (AP57509) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PRPSAP2) Polyclonal Antibody, Unconjugated (AP57509) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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