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anti-PAIP1 antibody (C-Term)

3 Images



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OVCI	VICVV

Quantity:	100 μL
Target:	PAIP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAIP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PAIP1
Sequence:	EPTFYTSDGV PFTAADPDYQ EKYQELLERE DFFPDYEENG TDLSGAGDPY
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PAIP1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	PAIP1

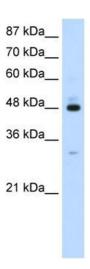
Target Details

Alternative Name:	PAIP1 (PAIP1 Products)
Background:	PAIP1 interacts with poly(A)-binding protein and with the cap-binding complex eIF4A. It is
Background.	involved in translational initiation and protein biosynthesis. Overexpression of this gene in COS7
	cells stimulates translation. The protein encoded by this gene interacts with poly(A)-binding
	protein and with the cap-binding complex eIF4A. It is involved in translational initiation and
	protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation.
	Alternative splicing occurs at this locus and three transcript variants encoding three distinct
	isoforms have been identified.
	Protein Interaction Partner: PABPC1, WWP2, UBC, BMI1, PDCD4, ADSL, CBX6, UPF2, NUBP2,
	CAND1, UBR5, CUL3, SYNCRIP, CSDE1, HNRNPD, USP12, EIF4A1,
	Protein Size: 400
Molecular Weight:	44 kDa
Gene ID:	10605
NCBI Accession:	NM_182789, NP_877590
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 400 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Storage Comment:

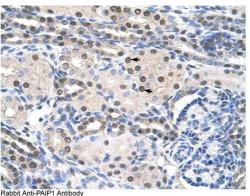
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

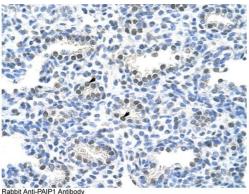
Image 1. WB Suggested Anti-PAIP1 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that PAIP1 is expressed in HepG2



Rabbit Anti-PAIP1 Antibody Catalog Number: ARP40651 Lot Number: QC10955 Paraffin Embeded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 μg/ml

Immunohistochemistry

Image 2. Rabbit Anti-PAIP1 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Rabbit Anti-PAIP1 Antibody
Catalog Number: ARP40651
Lot Number: QC10955
Paraffin Embeded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Rabbit Anti-PAIP1 Antibody Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X