SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-PCNP antibody

Catalog Number: SL6392R

FOR RESEARCH USE ONLY

[DATASHEET]

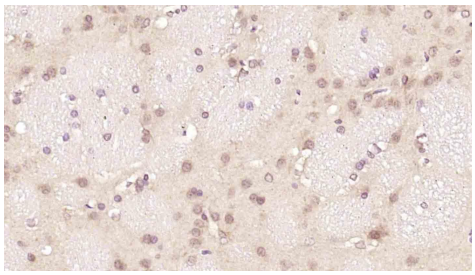
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PCNP
Immunogen:	KLH conjugated synthetic peptide derived from human PCNP: 21-120/178
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	19kDa
Subcellular Location:	The nucleus
Background:	PCNP is a novel 178 amino acid nuclear protein implied to play a role in cell cycle regulation and tumorigenesis. PCNP is ubiquitinated post-translationally by NIRF (Np95/ICBP90-like RING finger protein), a ubiquitin ligase. Existing as three isoforms produced by alternative splicing events, PCNP is encoded by a gene mapping to human chromosome 3q12.3. Chromosome 3 houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3 **Function:** May be involved in cell cycle regulation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	Subunit: Interacts with UHRF2/NIRF. **Post-translational modifications:** Ubiquitinated; mediated by UHRF2 and leading to its subsequent proteasomal degradation. **Database links:** **Entrez Gene:** 57092 Human **Entrez Gene:** 76302 Mouse **Entrez Gene:** 288165 Rat **SwissProt:** Q8WW12 Human **SwissProt:** Q6P8I4 Mouse **SwissProt:** Q7TP40 Rat **Unigene:** 275865 Human **Unigene:** 202642 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (rat 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 (PCNP) Polyclonal Antibody, Unconjugated (SL6392R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.