Rabbit PCNA Polyclonal Antibody | anti-PCNA antibody

PCNA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174358	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

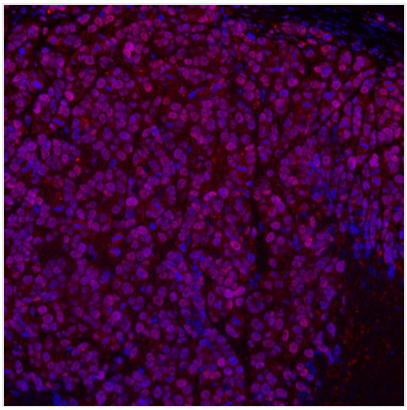
PRODUCT SYNONYMS

PCNA; Polyclonal Antibody; PCNA Polyclonal Antibody; ATLD2; cb16; Cyclin; DNA polymerase delta auxiliary protein; etID36690.10; fa28e03; fb36g03; HGCN8729; MGC8367; Mutagen-sensitive 209 protein; OTTHUMP00000030189; OTTHUMP00000030190; Pcna/cyclin; PCNAR; Polymerase delta accessory protein; Proliferating cell nuclear antigen; wu:fa28e03; wu:fb36g03; anti-PCNA antibody

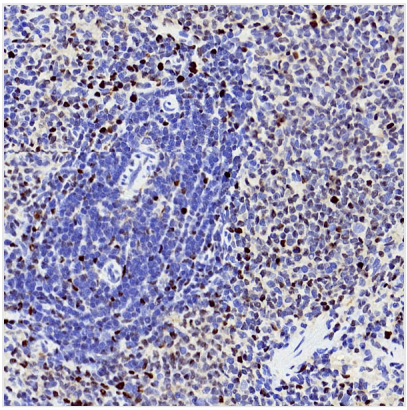
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	270 mug/mL (varies by lot)
Sequence Length	261
Applicable Applications for anti-PCNA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse PCNA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

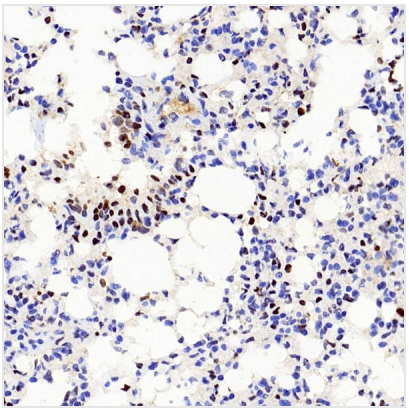
IMAGES



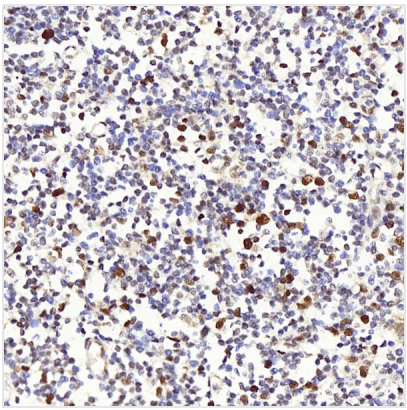
IF (Immunofluorescence)
Immunofluorescence analysis of Mouse lung cancer using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:200.



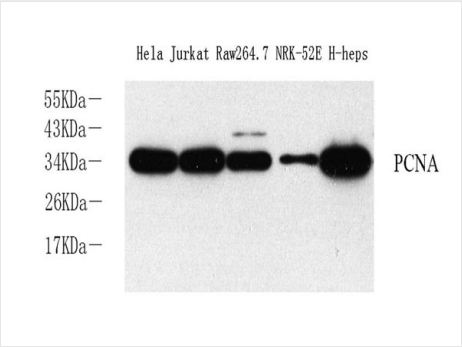
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat spleen using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin-embedded Mouse lung using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:300.



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human tonsil using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:300.



WB (Western Blot)
Western Blot analysis of various samples using Proliferating Cell Nuclear Antigen Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-PCNA antibody	Proliferating Cell Nuclear Antigen, commonly known as PCNA, is a protein that acts as a processivity factor for DNA polymerase delta in eukaryotic cells. This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. PCNA induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. It has to be loaded onto DNA in order to be able to stimulate APEX2. PCNA protein is highly conserved during evolution; the deduced amino acid sequences of rat and human differ by only 4 of 261 amino acids. PCNA has been used as loading control for proliferating cells.
Product Categories/Family for anti-PCNA antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	18088466
NCBI GeneID	1401
UniProt Accession #	P12004; B2R897; D3DW02; P02741
Molecular Weight	Calculated: 33kDa Observed: 33kDa
NCBI Official Full Name	Homo sapiens C-reactive protein, pentraxin-related, mRNA
NCBI Official Synonym Full Names	C-reactive protein
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1

NCBI Protein Information	C-reactive protein
UniProt Protein Name	Proliferating cell nuclear antigen
UniProt Gene Name	**PCNA**
UniProt Synonym Gene Names	PCNA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/pcna-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174358