10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RPAIN Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS11435

Specification

RPAIN Antibody (C-Terminus) - Product Information

Application	**WB, IHC**
Primary Accession	Q86UA6
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25kDa KDa**

RPAIN Antibody (C-Terminus) - Additional Information

Gene ID 84268

Other Names
RPA-interacting protein, hRIP, RPAIN, RIP

Target/Specificity
17 amino acid peptide from near the carboxy terminus of human RPA IP.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
RPAIN Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RPAIN Antibody (C-Terminus) - Protein Information

Name RPAIN

Synonyms RIP

Function
Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism.

Cellular Location
[Isoform 1]: Cytoplasm. Nucleus.

Tissue Location
Widely expressed. Expressed in pancreas, kidney, muscle, liver, lung, placenta, brain, heart, leukocytes, colon, intestine, ovary, testis, prostate, thymus and spleen

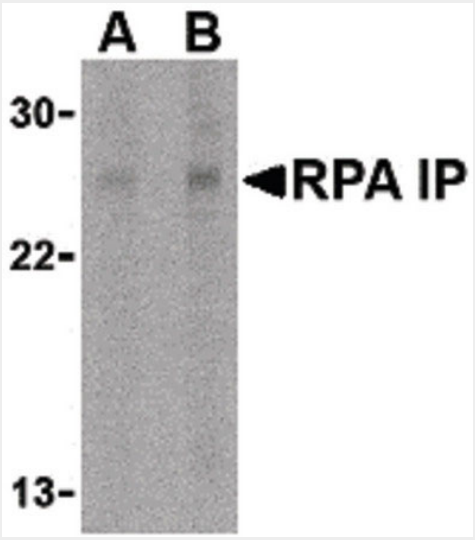
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RPAIN Antibody (C-Terminus) - Protocols

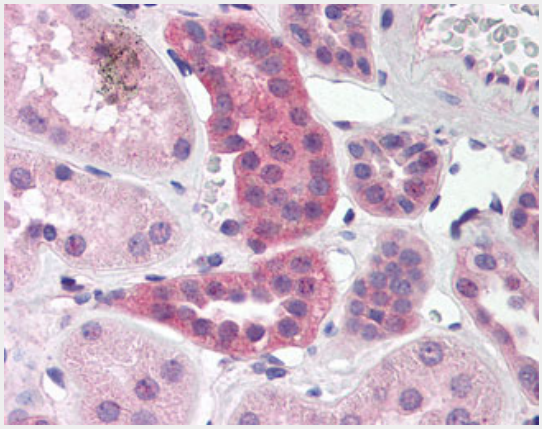
Provided below are standard protocols that you may find useful for product applications.

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

RPAIN Antibody (C-Terminus) - Images

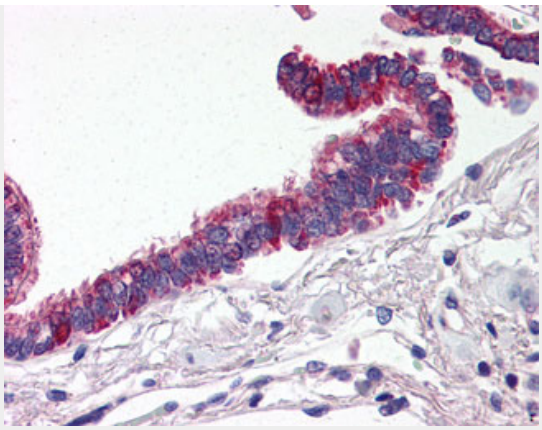


Western blot of RPA Interacting Protein in Jurkat cell lysate with RPA Interacting Protein...



Anti-RPAIN antibody IHC of human kidney.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Anti-RPAIN antibody IHC of human lung, respiratory epithelium.

RPAIN Antibody (C-Terminus) - Background

Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism.

RPAIN Antibody (C-Terminus) - References

Chen J.-Z.,et al.DNA Cell Biol. 24:464-469(2005).
Park J.,et al.Mol. Cell. Biol. 25:8202-8214(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).