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Datasheet for ABIN6990702 **anti-RPAIN antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	RPAIN
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPAIN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	RPA IP antibody was raised against a 17 amino acid synthetic peptide from near the carboxy terminus of human RPA IP. The immunogen is located within the last 50 amino acids of RPA Interacting Protein.
Isotype:	IgG
Purification:	RPA Interacting Protein Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RPAIN
Alternative Name:	RPA Interacting Protein (RPAIN Products)
Background:	RPA Interacting Protein Antibody: Replication protein A (RPA) is a single-stranded-DNA binding protein involved in numerous eukaryotic DNA processes including replication, repair and

Target Details

recombination. RPA interacting protein (RPA IP) has been identified as an adapter protein that is involved in RPA nuclear import instead of the prototypical importin proteins that normally mediate nuclear import. Multiple isoforms of RPA IP are known to exist, with the longest isoform localized to the cytoplasm. Isoform 2 is sumoylated and is located in the PML nuclear body within the nucleus. It has been suggested that this isoform mediates the localization of the RPA complex into the PML nuclear body, thereby participating in RPA function in DNA metabolism.

Gene ID: 84268

NCBI Accession: [NP_001028174](#)

UniProt: [Q86UA6](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: RPA Interacting Protein antibody can be used for detection of RPA Interacting Protein by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RPA Interacting Protein Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: RPA Interacting Protein antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles.

Antibodies should not be exposed to prolonged high temperatures.