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anti-RPAIN antibody (C-Term)

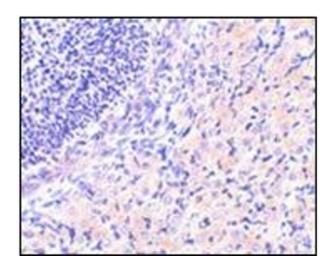




Overview	
Quantity:	0.1 mg
Target:	RPAIN
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPAIN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	RPA IP antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human RPA IP.
Isotype:	IgG
Specificity:	This antibody detects RPA Interacting Protein at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	
Target:	RPAIN

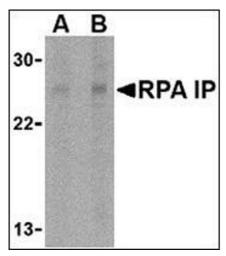
Target Details

Alternative Name:	RPAIN / RIP (RPAIN Products)
Background:	Replication protein A (RPA) is a single-stranded-DNA binding protein involved in numerous
	eukaryotic DNA processes including replication, repair and 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. Synonyms: RPA-interacting
	protein
Gene ID:	84268
NCBI Accession:	NP_001028174
UniProt:	Q86UA6
Pathways:	Protein targeting to Nucleus
Application Details	
Application Notes:	ELISA. Wester blot. Immunohistochemistry on paraffin sections.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of RPA Interacting Protein in mouse stomach tissue with this product at $2.5 \, \mu g/ml$.



Western Blotting

Image 2. Western blot analysis of RPA Interacting Protein in Jurkat cell lysate with this product at (A) 1 and (B) 2 μg/ml.