antibodies -online.com







anti-RAD21 antibody (Center)



Images



Publication



<i>ا</i> ۱	110	N	110	A 1 A
u	\/ 	ı ۱۱	/ (—	7 / \
\sim	VE	۱ ار	/ 1 🔾	, v

Quantity:	100 μL
Target:	RAD21
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RAD21. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to RAD21 (RAD21 homolog (S. pombe)) RAD21 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	RAD21
Alternative Name:	RAD21 (RAD21 Products)

Target Details

Background:	The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid	
	cohesion in mitotic cells.	
	Cellular Localization: Nucleus	
Molecular Weight:	72 kDa	
Gene ID:	5885	
Pathways:	Positive Regulation of Endopeptidase Activity	
Application Details		
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Immunoprecipitation 1:100-1:500* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffinembedded sections)1:100-1:1000* Immunoprecipitation1:100-1:500* Western blot1:500-1:3000*	
Comment:	Positive Control: K562 , THP-1 , HL-60 , NIH-3T3 , JC , BCL-1	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS, 20 % Glycerol (pH 7). 0.025 % ProClin 300 was added as a preservative.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw	

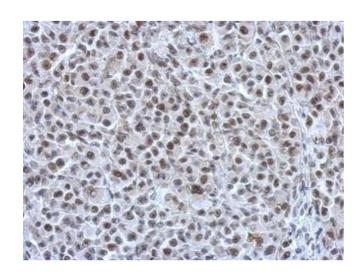
cycles.

Publications

Product cited in:

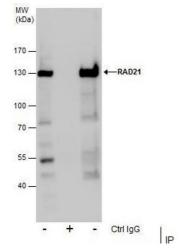
Miettinen, Felisiak-Golabek, Wasag, Chmara, Wang, Butzow, Lasota: "Fumarase-deficient Uterine Leiomyomas: An Immunohistochemical, Molecular Genetic, and Clinicopathologic Study of 86 Cases." in: **The American journal of surgical pathology**, Vol. 40, Issue 12, pp. 1661-1669, (2017) (PubMed).

Images



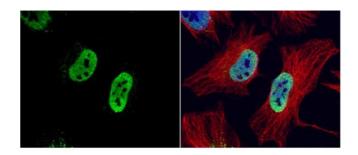
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded HBL435 xenograft, using RAD21, antibody at 1:750 dilution.



Immunoprecipitation

Image 2. IP Image Immunoprecipitation of RAD21 protein from Jurkat whole cell extracts using 5 μ g of RAD21 antibody, Western blot analysis was performed using RAD21 antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Immunofluorescence

Image 3. ICC/IF Image RAD21 antibody detects RAD21 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: RAD21 protein stained by RAD21 antibody, diluted at 1:1000. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2], diluted at 1:10000. Blue: Hoechst 33342 staining.

Please check the product details page for more images. Overall 7 images are available for ABIN2856242.