

For Research Use Only

RAD1 Polyclonal antibody

Catalog Number: 11726-2-AP **4 Publications**



Basic Information

Catalog Number: 11726-2-AP	GenBank Accession Number: BC006837	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5810	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: RAD1 homolog (S. pombe)	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 32 kDa	
Immunogen Catalog Number: AG2316	Observed MW: 32 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, L02 cells
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human, rainbow trout	IHC : human lymphoma tissue,
	IF : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

RAD1 is also named as REC1,hRAD1. The human RAD1 and HUS1 proteins associate in a complex that interacts with a highly modified form of RAD9. They concluded that these 3 proteins are central components of a DNA damage-responsive protein complex in human cells. It has 3 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoli Xu	30184152	J Mol Cell Biol	WB
Bin Chen	35152263	Oncogene	WB
Rongyi Shi	32783654	Am J Physiol Cell Physiol	WB

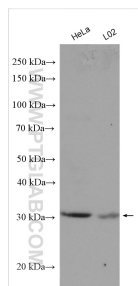
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

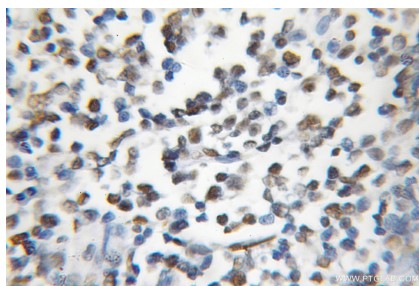
For technical support and original validation data for this product please contact:
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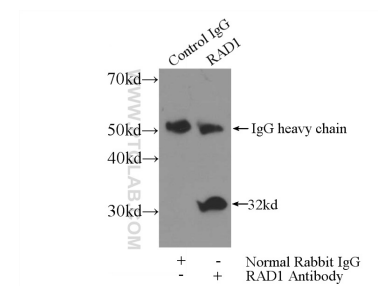
Selected Validation Data



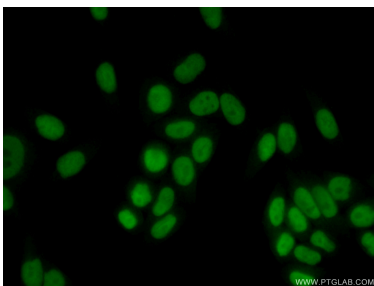
Various lysates were subjected to SDS PAGE followed by western blot with 11726-2-AP (RAD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 11726-2-AP (RAD1 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-RAD1 (IP:11726-2-AP, 3ug; Detection:11726-2-AP 1:300) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 11726-2-AP (RAD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).