

For Research Use Only

RAD18 Polyclonal antibody

Catalog Number: 18333-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number: 18333-1-AP	GenBank Accession Number: BC001302	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56852	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: RAD18 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 56 kDa	
Immunogen Catalog Number: AG12944	Observed MW: 75 kDa, 85 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : K-562 cells, A549 cells, HeLa cells, MCF-7 cells
Cited Applications: IF, IHC, WB	IP : K-562 cells,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

RAD18(E3 ubiquitin-protein ligase RAD18) is also named as RNF73, hHR18 and belongs to the RAD18 family. It is involved in postreplication repair of UV-damaged DNA. RAD18 protein is detected in human cells as two major bands at 75 and 85 kDa by Western blot. The bands are identified as nonubiquitinated and monoubiquitinated forms of Rad18, respectively. Monoubiquitinated RAD18 is detected mainly in the cytoplasm, whereas nonubiquitinated RAD18 is detected predominantly in the nuclei(PMID:15509568). This antibody is specific to RAD18.

Notable Publications

Author	Pubmed ID	Journal	Application
Xi Zeng	35313791	Bioengineered	WB,IHC,IF
Lu Lin-Yu LY	23812044	Nat Commun	IF
Yunshang Chen	35115490	Cell Death Dis	WB,IHC

Storage

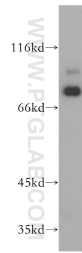
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

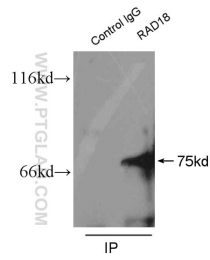
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 18333-1-AP (RAD18 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-RAD18 (IP:18333-1-AP, 3ug; Detection:18333-1-AP 1:300) with K-562 cells lysate 2000ug.