RAD1
Polyclonal ANTIBODY
Catalog Number: 11726-2-AP

Basic Information
Catalog Number: 11726-2-AP
Size: 20 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG2316

GenBank Accession Number: BC066037
Full Name: RAD1 homolog (S. pombe)
Calculated MW: 32 kDa
Observed MW: 32 kDa

Recommended Dilutions:
WB 1:300-1:800
IP 0.5-4.0 μg for IP and 1:200-1:1000 for WB
IHC 1:20-1:200
IF 1:50-1:500

Applications
Tested Applications:
IF, IHC, IP, WB, ELISA
Cited Applications:
WB
Species Specificity:
human, mouse, rat
Cited Species:
human, rainbow trout

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
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<th>Author</th>
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<tbody>
<tr>
<td>Xued Xu</td>
<td>30184152</td>
<td>J Mol Cell Biol</td>
<td>WB</td>
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<tr>
<td>Bastanov Johny</td>
<td>22985302</td>
<td>Comp Biochem Physiol C Toxicol</td>
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Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.01% 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:
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

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HeLa cells were subjected to SDS PAGE followed by western blot with 11726-2-AP (RAD1 antibody) at dilution of 1:300 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 cell 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).