

RAD9A Rabbit Polyclonal Antibody



CAB1890

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa

Calculated MW:

42kDa

Applications:

WB IHC IF

Reactivity:

Human, Rat

Protein Background

This gene product is highly similar to *Schizosaccharomyces pombe rad9*, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair. This protein possesses 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

5883

Uniprot

Q99638

Synonyms:

RAD9A; RAD9

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

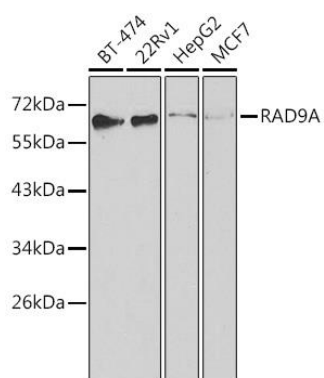
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 162-391 of human RAD9A (NP_004575.1).

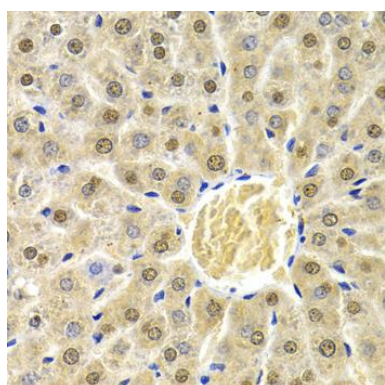
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

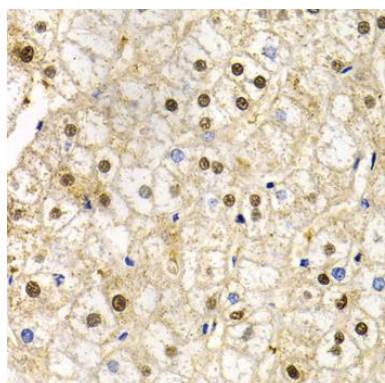
Product Images



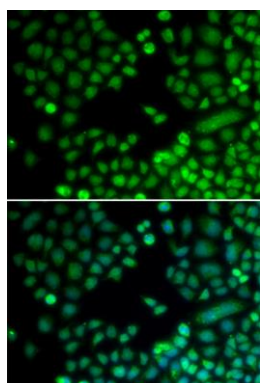
Western blot analysis of extracts of various cell lines, using RAD9A antibody (CAB1890) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020).



Immunohistochemistry of paraffin-embedded rat liver using RAD9A antibody (CAB1890) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human liver damage using RAD9A antibody (CAB1890) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of MCF-7 cells using RAD9A antibody (CAB1890). Blue: DAPI for nuclear staining.