

# Product Datasheet

## Rad21 Antibody - Azide and BSA Free NBP3-15608-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15608-100ul**

Rad21 Antibody - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 50% glycerol, pH7.3

**Product Description**

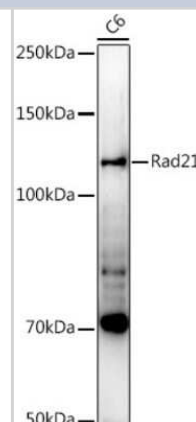
<b>Host</b>	Rabbit
<b>Gene ID</b>	5885
<b>Gene Symbol</b>	RAD21
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 281-420 of human Rad21 (NP_006256.1). VDPVEPMPTMTDQTTLPNEEEAFALPIDITVKETKAKRKRKLIVDSVKELDSK TIRAQLSDYSIDVTTLDLAPPTKKLMMWKETGGVEKLFSLPAQPLWNNRLLKLF TRCLTPLVPEDLRKRRKGGEADNLDEFLKEF

**Product Application Details**

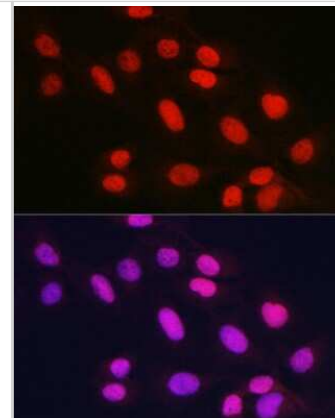
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP) 1:500 - 1:1000

**Images**

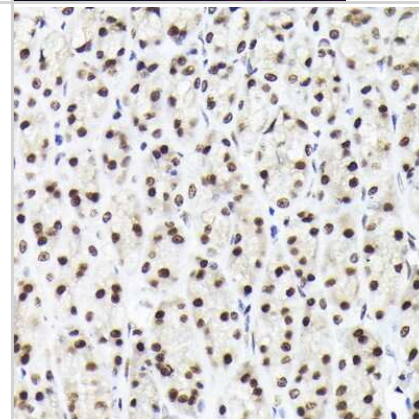
Western Blot: Rad21 Antibody [NBP3-15608] - Western blot analysis of extracts of C6 cells, using Rad21 antibody (NBP3-15608) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



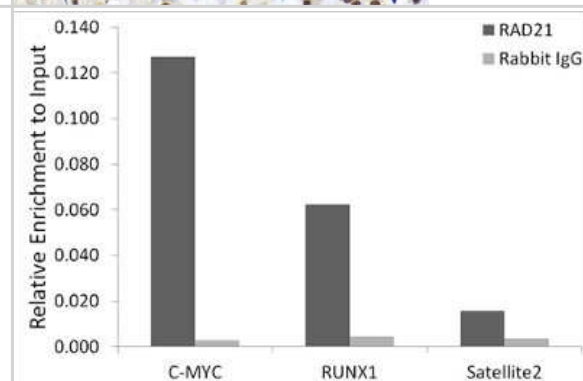
**Immunocytochemistry/Immunofluorescence: Rad21 Antibody [NBP3-15608]** - Immunofluorescence analysis of U2OS cells using Rad21 Rabbit pAb (NBP3-15608) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



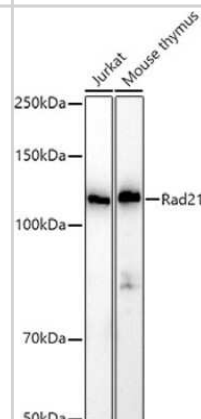
**Immunohistochemistry-Paraffin: Rad21 Antibody [NBP3-15608]** - Immunohistochemistry of paraffin-embedded rat stomach using Rad21 Rabbit pAb (NBP3-15608) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



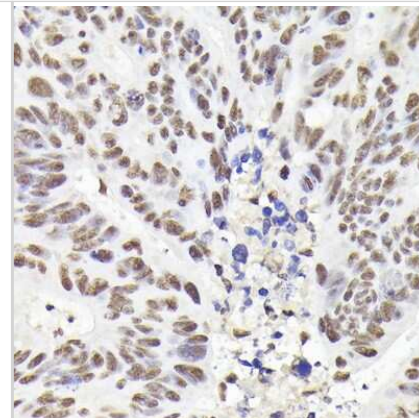
**Chromatin Immunoprecipitation: Rad21 Antibody [NBP3-15608]** - Chromatin immunoprecipitation analysis of extracts of A-549 cells, using Rad21 antibody (NBP3-15608) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



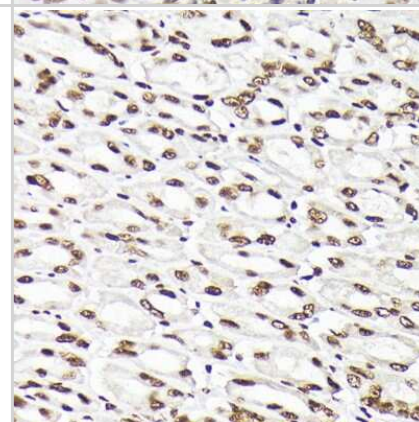
**Western Blot: Rad21 Antibody [NBP3-15608]** - Western blot analysis of extracts of various cell lines, using Rad21 antibody (NBP3-15608) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



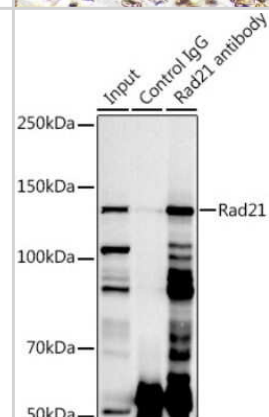
**Immunohistochemistry-Paraffin: Rad21 Antibody [NBP3-15608] -**  
 Immunohistochemistry of paraffin-embedded human colon carcinoma using Rad21 Rabbit pAb (NBP3-15608) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: Rad21 Antibody [NBP3-15608] -**  
 Immunohistochemistry of paraffin-embedded mouse stomach using Rad21 Rabbit pAb (NBP3-15608) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**Immunoprecipitation: Rad21 Antibody [NBP3-15608] -**  
 Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug Rad21 antibody (NBP3-15608). Western blot was performed from the immunoprecipitate using Rad21 antibody (NBP3-15608) at a dilution of 1:1000.





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### **Products Related to NBP3-15608-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83260PEP	Rad21 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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