

Product Datasheet

Rad50 Antibody NBP2-20054

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-20054

Rad50 Antibody

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	154 kDa

Product Description

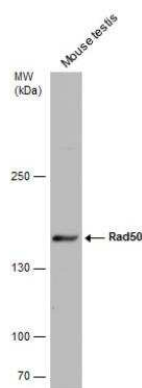
Host	Rabbit
Gene ID	10111
Gene Symbol	RAD50
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human Rad50. The exact sequence is proprietary.

Product Application Details

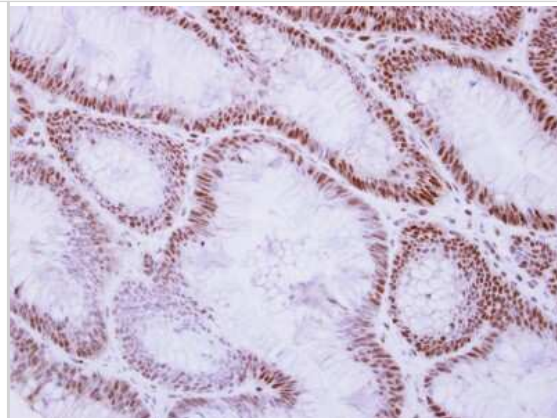
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated
Application Notes	Use in KD reported in scientific publication (PMID: 32023457).

Images

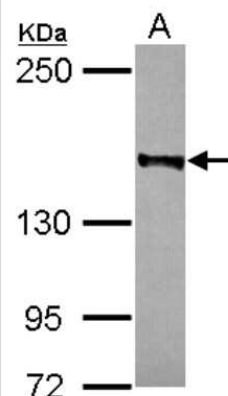
Western Blot: Rad50 Antibody [NBP2-20054] - Mouse tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Rad50 antibody [C1C2], Internal diluted at 1:5000.



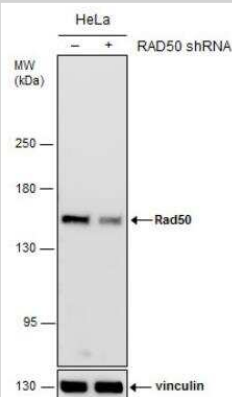
Immunohistochemistry-Paraffin: Rad50 Antibody [NBP2-20054] - Human colon carcinoma, using Rad50 antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



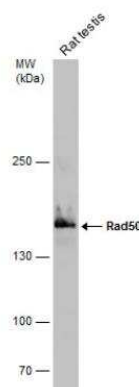
Western Blot: RAD50 Antibody [NBP2-20054] - Sample (30 ug of whole cell lysate) A: NT2D1 5% SDS PAGE gel, diluted at 1:5000.



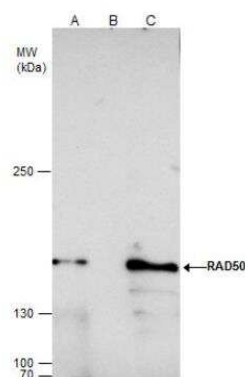
Western Blot: Rad50 Antibody [NBP2-20054] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Rad50 antibody [C1C2], Internal.



Western Blot: Rad50 Antibody [NBP2-20054] - Rat tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Rad50 antibody [C1C2], Internal diluted at 1:1000.



Immunoprecipitation: Rad50 Antibody [NBP2-20054] - NT2D1 whole cell extract A. 50 ug NT2D1 whole cell extract B. Control with 4 ug of preimmune Rabbit IgG C. Immunoprecipitation of Rad50 protein by 4 ug Rad50 antibody [C1C2], Internal 5 % SDS-PAGE The immunoprecipitated Rad50 protein was detected by Rad50 antibody [C1C2], Internal diluted at 1:500. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Publications

Feng W, Simpson DA, Cho JE et al. Marker-free quantification of repair pathway utilization at Cas9-induced double-strand breaks Nucleic acids research 2021-05-21 [PMID: 33963863]

Fagan-Solis KD, Simpson DA, Kumar RJ et al. A P53-Independent DNA Damage Response Suppresses Oncogenic Proliferation and Genome Instability Cell Rep 2020-02-04 [PMID: 32023457] (WB, KD, Mouse)



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Products Related to NBP2-20054

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-47316PEP	Rad50 Recombinant Protein Antigen

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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