

Product Datasheet

DDB1 Antibody (JU32-35) NBP2-75465

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 3

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NBP2-75465

DDB1 Antibody (JU32-35)

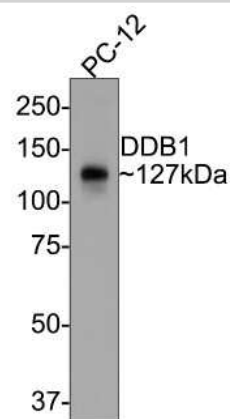
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU32-35
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	127 kDa

Product Description	
Description	Novus Biologicals Rabbit DDB1 Antibody (JU32-35) (NBP2-75465) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-DDB1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1642
Gene Symbol	DDB1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human DDB1 aa 1040-1140 / 1,140. (SwissProt: Q16531 Human; SwissProt: Q3U1J4 Mouse; SwissProt: Q9ESW0 Rat)

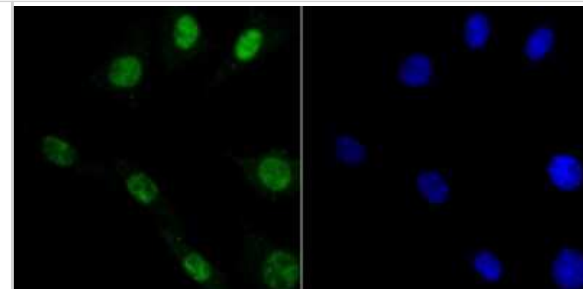
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:200

Images

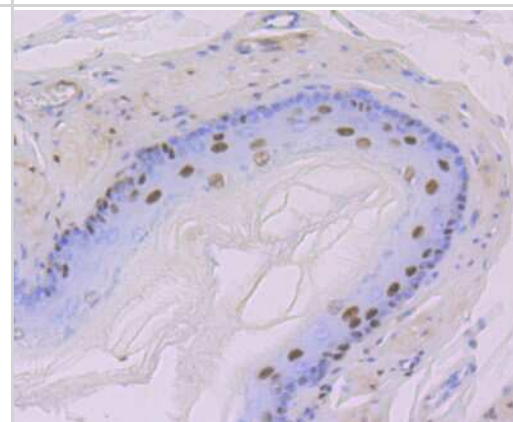
Western Blot: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of DDB1 on PC-12 cell lysates with Rabbit anti-DDB1 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 127 kDa Observed band size: 127 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



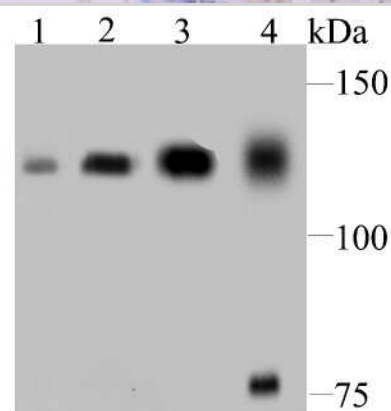
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



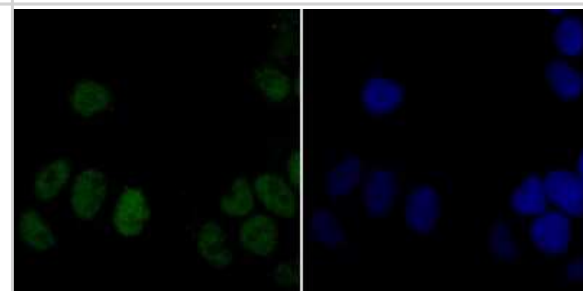
Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded rat esophagus tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



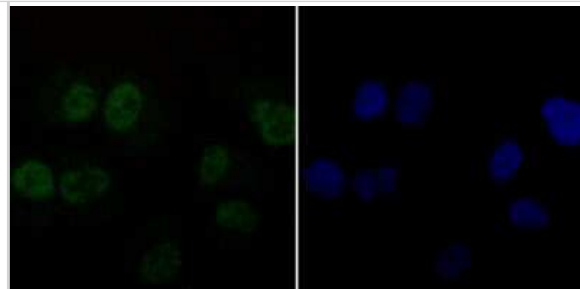
Western Blot: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of DDB1 on different lysates using anti-DDB1 antibody at 1/500 dilution. Positive control: Lane 1: HepG2 Lane 2: NIH-3T3 Lane 3: MCF-7 Lane 4: Rat kidney tissue



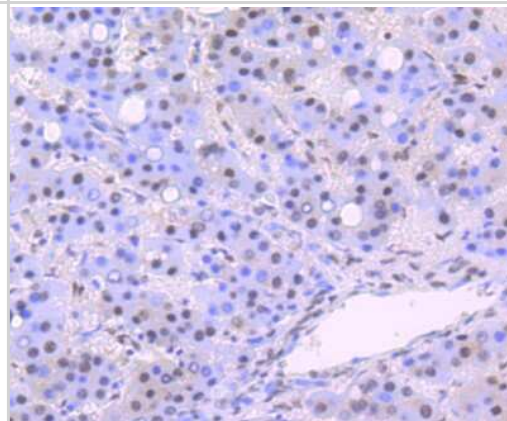
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



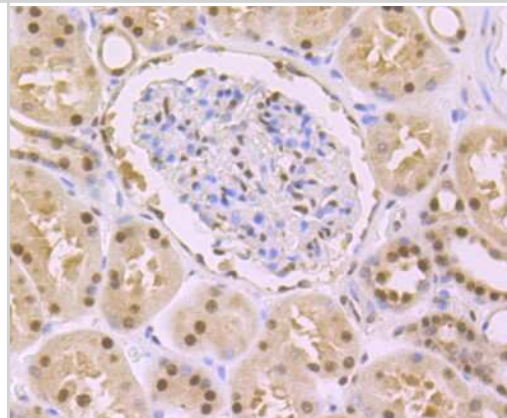
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



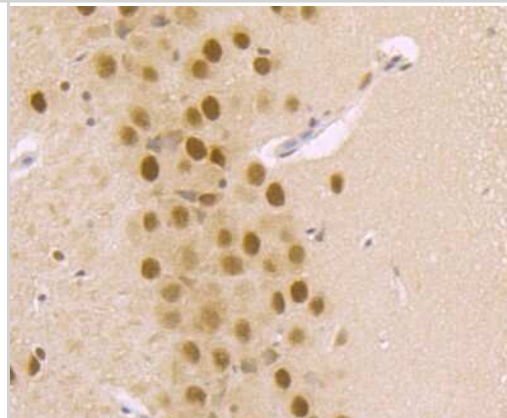
Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded human liver cancer tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded human kidney tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded mouse brain tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



Publications

Marjolein van Sluis, Qing Yu, Melanie van der Woude, Camila Gonzalo-Hansen, Shannon C. Dealy, Roel C. Janssens, Hedda B. Somsen, Anisha R. Ramadhin, Dick H. W. Dekkers, Hannah Lena Wienecke, Joris J. P. G. Demmers, Anja Raams, Carlota Davó-Martínez, Diana A. Llerena Schiffmacher, Marvin van Toorn, David Häckes, Karen L. Thijssen, Di Zhou, Judith G. Lammers, Alex Pines, Wim Vermeulen, Joris Pothof, Jeroen A. A. Demmers, Debbie L. C. van den Berg, Hannes Lans, Jurgen A. Marteijn Transcription-coupled DNA–protein crosslink repair by CSB and CRL4 CSA -mediated degradation Nature Cell Biology 2024-04-10 [PMID: 38600236]

Pines A, Schiffmacher DL, Lee SH et al. DDA1, a novel factor in transcription-coupled repair, modulates CRL4CSA dynamics at DNA damage-stalled RNA polymerase II Research square 2023-10-12 [PMID: 37886519] (Immunoprecipitation)

Llerena Schiffmacher DA, Kliza KW, Theil AF et al. Live cell transcription-coupled nucleotide excision repair dynamics revisited DNA repair 2023-10-01 [PMID: 37716192] (Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-75465

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57877PEP	DDB1 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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