

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

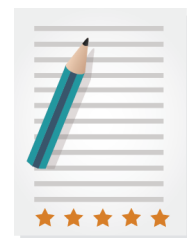
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NBP2-75465

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

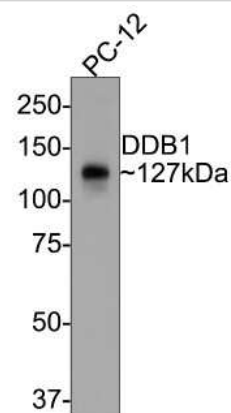
| | |
|--------------------|---|
| Host | Rabbit |
| Gene ID | 1642 |
| Gene Symbol | DDB1 |
| Species | Human, Mouse, Rat |
| Immunogen | Recombinant protein within Human DDB1 aa 1040-1140 / 1,140. (SwissProt: Q16531 Human; SwissProt: Q3U1J4 Mouse; SwissProt: Q9ESW0 Rat) |

Product Application Details

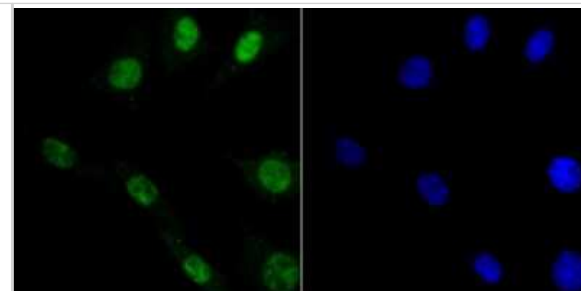
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence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

Images

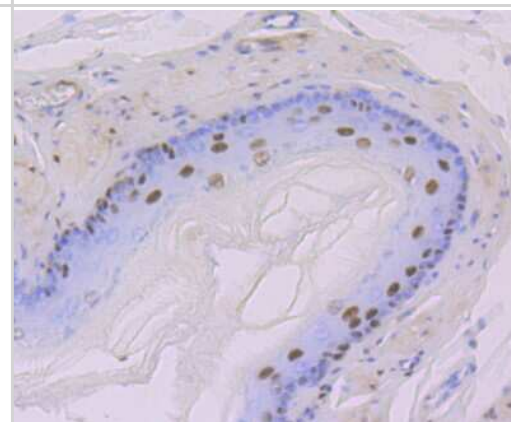
Western Blot: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of DDB1 on PC-12 cell lysates with Rabbit anti-DDB1 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 127 kDa Observed band size: 127 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel. Proteins were transferred to 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.



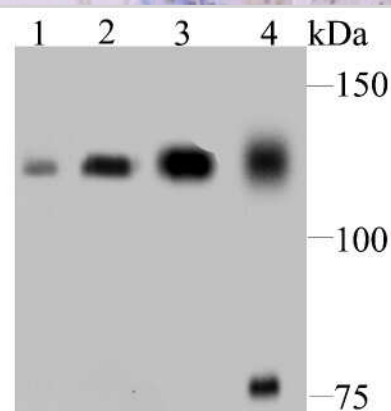
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



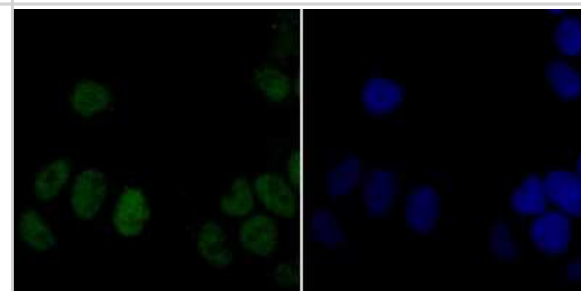
Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded rat esophagus tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



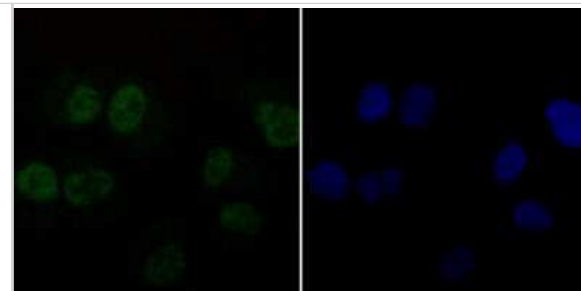
Western Blot: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of DDB1 on different lysates using anti-DDB1 antibody at 1/500 dilution. Positive control: Lane 1: HepG2 Lane 2: NIH-3T3 Lane 3: MCF-7 Lane 4: Rat kidney tissue



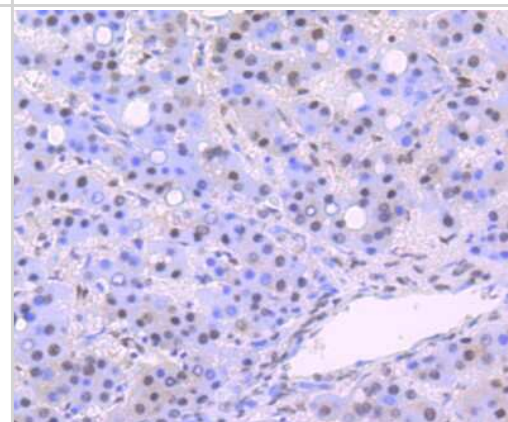
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



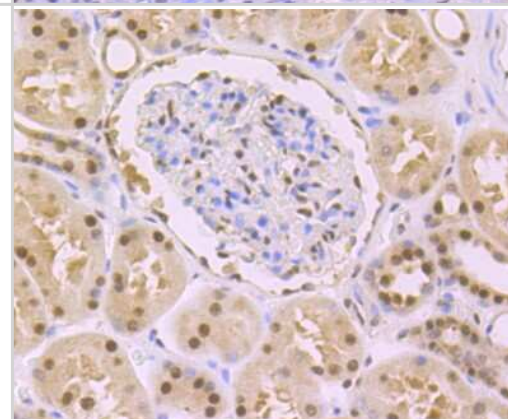
Immunocytochemistry/Immunofluorescence: DDB1 Antibody (JU32-35) [NBP2-75465] - Staining DDB1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



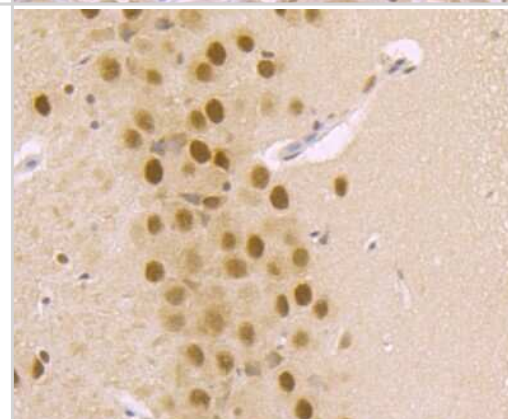
Immunohistochemistry-Paraffin: DDB1 Antibody (JU32-35) [NBP2-75465] - Analysis of paraffin-embedded human liver cancer tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



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)





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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 |
| NBP2-38538PEP | 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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