

# Product Datasheet

## DECR1 Antibody - BSA Free

### NBP1-33103

Unit Size: 100 ul

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

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**NBP1-33103**

DEC1 Antibody - BSA Free

**Product Information**

|                                |                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                                           |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>               | Polyclonal                                                                                                       |
| <b>Preservative</b>            | 0.01% Thimerosal                                                                                                 |
| <b>Isotype</b>                 | IgG                                                                                                              |
| <b>Purity</b>                  | Antigen Affinity-purified                                                                                        |
| <b>Buffer</b>                  | 0.1M Tris-Glycine (pH7), 10% Glycerol                                                                            |
| <b>Target Molecular Weight</b> | 36 kDa                                                                                                           |

**Product Description**

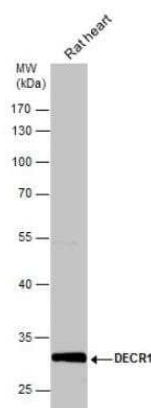
|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit DEC1 Antibody - BSA Free (NBP1-33103) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DEC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                           |
| <b>Gene ID</b>          | 1666                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>      | DEC1                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Porcine (85%), Bovine (85%).                                                                                                                            |
| <b>Immunogen</b>        | Full length human DEC1 Recombinant protein.                                                                                                                                                                                                      |

**Product Application Details**

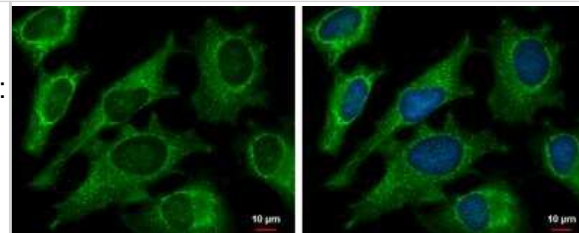
|                              |                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                        |
| <b>Recommended Dilutions</b> | Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

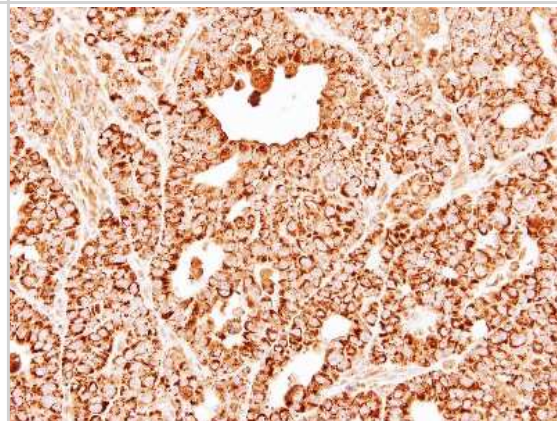
Western Blot: DEC1 Antibody [NBP1-33103] - Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with DEC1 antibody diluted at 1:10000.



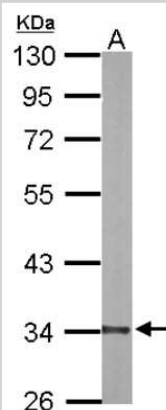
Immunocytochemistry/Immunofluorescence: DECR1 Antibody [NBP1-33103] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: DECR1 protein stained by DECR1 antibody [N1C3] diluted at 1:500. Blue: Hoechst 33342 staining.



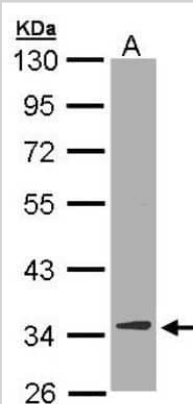
Immunohistochemistry-Paraffin: DECR1 Antibody [NBP1-33103] - NCI-N87 xenograft, using DECR1 antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: DECR1 Antibody [NBP1-33103] - Sample (20 ug of whole cell lysate) A: mouse liver 10% SDS PAGE; antibody diluted at 1:10000.



Western Blot: DECR1 Antibody [NBP1-33103] - Sample (30 ug of whole cell lysate) A: Hep G2 10% SDS PAGE; antibody diluted at 1:10000.



## Publications

Cikic S, Chandra PK, Harman JC et al. Sexual differences in mitochondrial and related proteins in rat cerebral microvessels: A proteomic approach J. Cereb. Blood Flow Metab. 2020-04-02 [PMID: 32241204]



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### **Products Related to NBP1-33103**

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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                          |
| NBP1-51054-0.05mg | Recombinant Human DECR1 His Protein                 |

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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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