

# Product Datasheet

## HSD17B4 Antibody - BSA Free

### NBP1-33192

Unit Size: 100 ul

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

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**NBP1-33192**

HSD17B4 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> | 80 kDa                                                                                                           |

**Product Description**

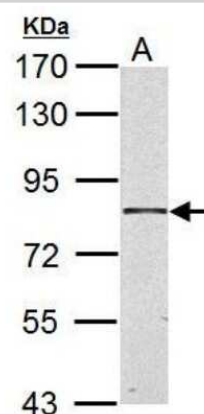
|                         |                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Rabbit HSD17B4 Antibody - BSA Free (NBP1-33192) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HSD17B4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit                                                                                                                                                                                                                                                 |
| <b>Gene ID</b>          | 3295                                                                                                                                                                                                                                                   |
| <b>Gene Symbol</b>      | HSD17B4                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human, Rat                                                                                                                                                                                                                                             |
| <b>Reactivity Notes</b> | Mouse reactivity reported in scientific literature (PMID: 31757939).                                                                                                                                                                                   |
| <b>Immunogen</b>        | Recombinant protein encompassing a sequence within the center region of human HSD17B4. The exact sequence is proprietary.                                                                                                                              |

**Product Application Details**

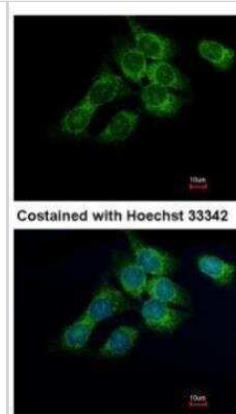
|                              |                                                                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                      |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

Western Blot: HSD17B4 Antibody [NBP1-33192] - HSD17B4 antibody detects HSD17B4 protein A. 20 ug Rat heart lysate/extract 7.5% SDS-PAGE HSD17B4 antibody dilution: 1:3000

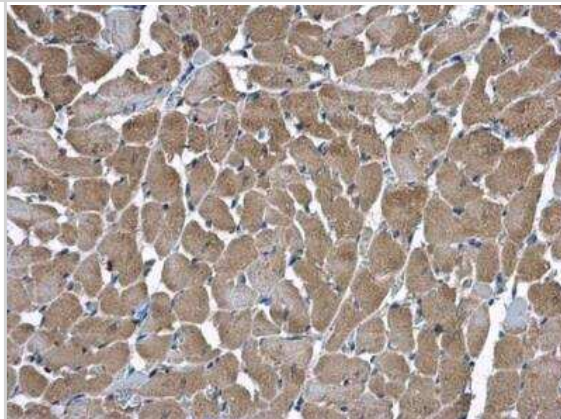


Immunocytochemistry/Immunofluorescence: HSD17B4 Antibody [NBP1-33192] - Analysis of methanol-fixed Hep3B, using HSD17B4antibody at 1:500 dilution.

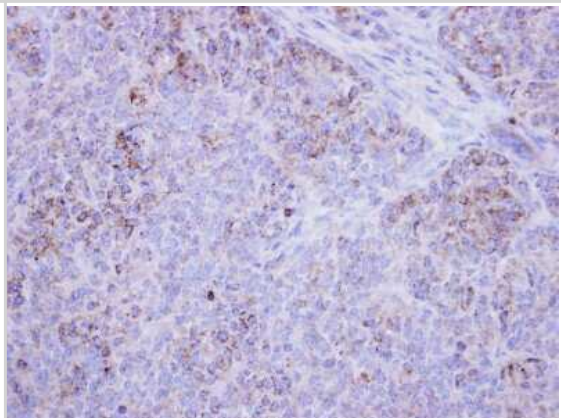


Costained with Hoechst 33342

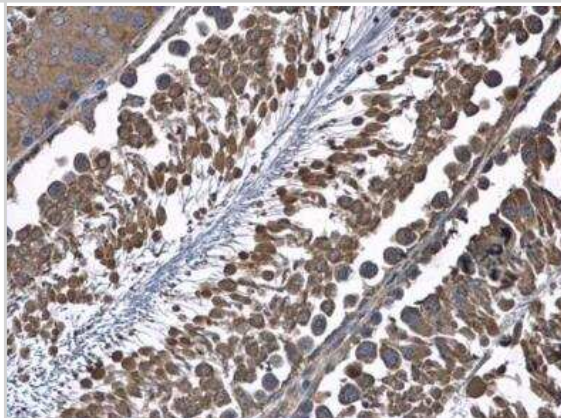
Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-33192] - Rat heart. HSD17B4 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-33192] - DLD-1 xenograft , using HSD17B4 antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-33192] - Rat testis. HSD17B4 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



## Publications

DAvalos-Salas M, Montgomery MK, Reehorst CM et al. Deletion of intestinal Hdac3 remodels the lipidome of enterocytes and protects mice from diet-induced obesity Nat Commun 2019-11-22 [PMID: 31757939] (WB, Mouse)



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### **Products Related to NBP1-33192**

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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                          |
| NBP1-85296PEP | HSD17B4 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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