

# Product Datasheet

## HSD17B2 Antibody - BSA Free

### NBP1-92011

Unit Size: 0.1 ml

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

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#### Publications: 1

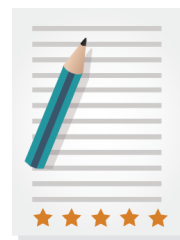
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**NBP1-92011**

HSD17B2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit HSD17B2 Antibody - BSA Free (NBP1-92011) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-HSD17B2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3294
<b>Gene Symbol</b>	HSD17B2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: AVTMFSSVMRLELSKWGIKVASIQPGGFLTNIAGTSDKWEKLEKDILDHLP AEV QEDYGQDYILAQRN FLLLINSLASKDFSPVL

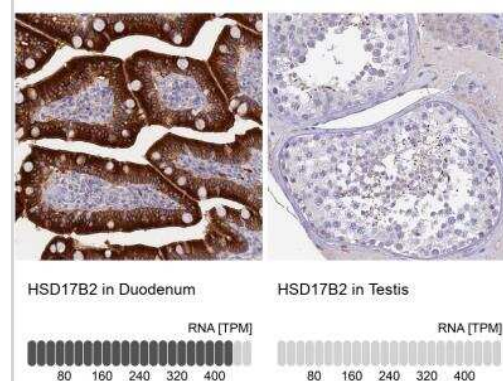
**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Simple Western, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 20X

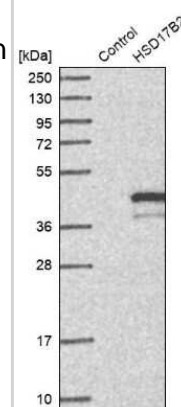


## Images

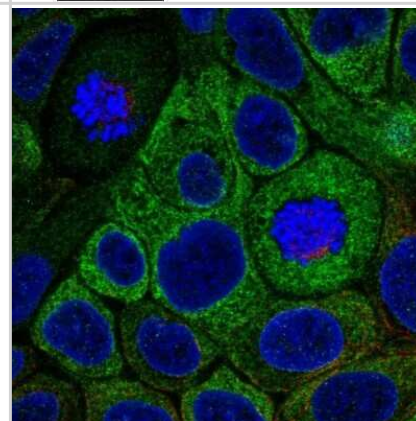
Immunohistochemistry-Paraffin: HSD17B2 Antibody [NBP1-92011] - Analysis in human duodenum and testis tissues. Corresponding HSD17B2 RNA-seq data are presented for the same tissues.



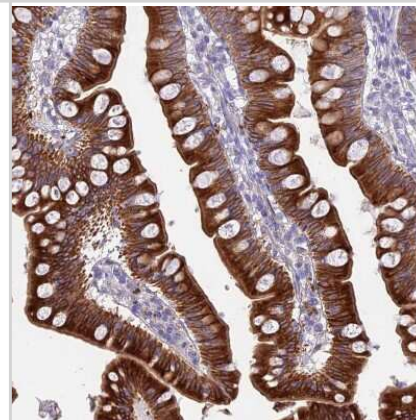
Western Blot: HSD17B2 Antibody [NBP1-92011] - Analysis in control (vector only transfected HEK293T lysate) and HSD17B2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



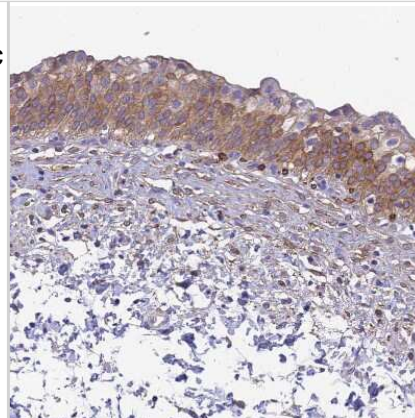
Immunocytochemistry/Immunofluorescence: HSD17B2 Antibody [NBP1-92011] - Staining of human cell line RT4 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



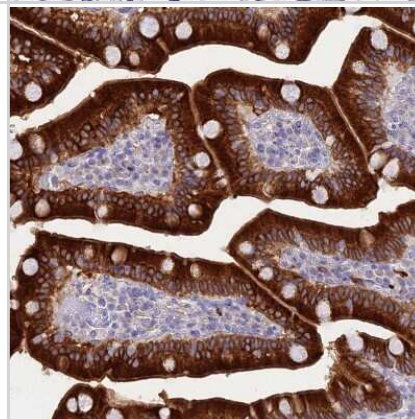
Immunohistochemistry-Paraffin: HSD17B2 Antibody [NBP1-92011] - Staining of human small intestine shows moderate to strong cytoplasmic positivity in glandular cells.



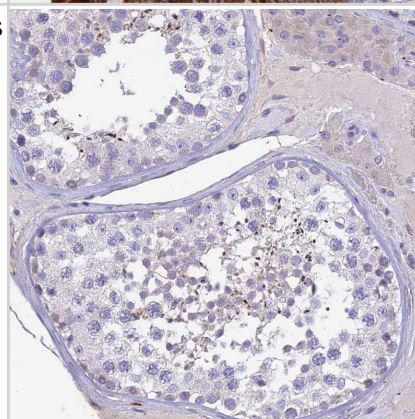
Immunohistochemistry-Paraffin: HSD17B2 Antibody [NBP1-92011] - Staining of human urinary bladder shows moderate to strong cytoplasmic positivity in urothelial cells.



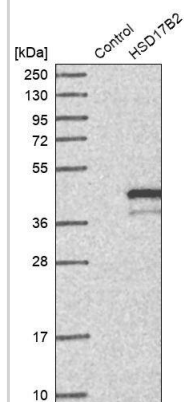
Immunohistochemistry-Paraffin: HSD17B2 Antibody [NBP1-92011] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



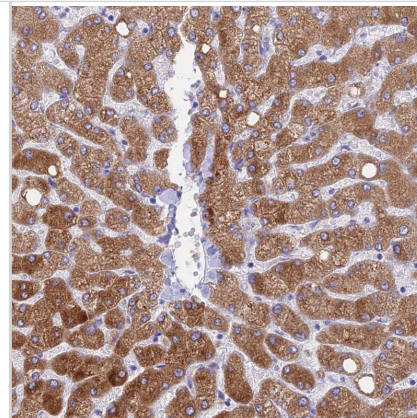
Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



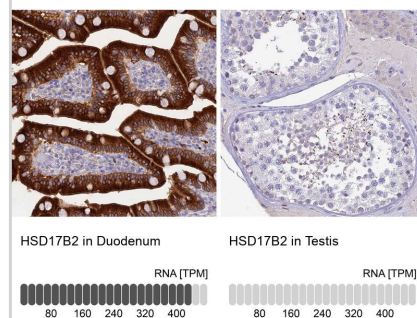
Analysis in control (vector only transfected HEK293T lysate) and HSD17B2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



Analysis in human duodenum and testis tissues using NBP1-92011 antibody. Corresponding HSD17B2 RNA-seq data are presented for the same tissues.



## Publications

Lee YE, He HL, Shiue YL et al. The prognostic impact of lipid biosynthesis-associated markers, HSD17B2 and HMGCS2, in rectal cancer treated with neoadjuvant concurrent chemoradiotherapy. *Tumour Biol.* 2015-05-01 [PMID: 25929810]



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### **Products Related to NBP1-92011**

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NBP1-92011PEP	HSD17B2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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