

# Product Datasheet

## HSD17B4 Antibody - BSA Free NBP1-85296

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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**NBP1-85296**

HSD17B4 Antibody - BSA Free

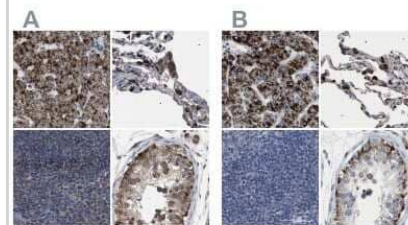
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3295
Gene Symbol	HSD17B4
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESCEENGGLFEVGAGWIGKLRWERTLGAIVRQKNHPMTPEAVKANWKKICDF ENASKPQSIQUESTGSIIEVLSK

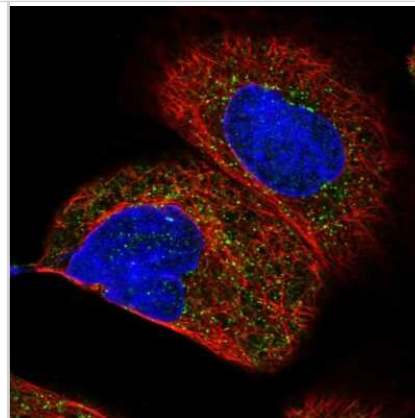
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

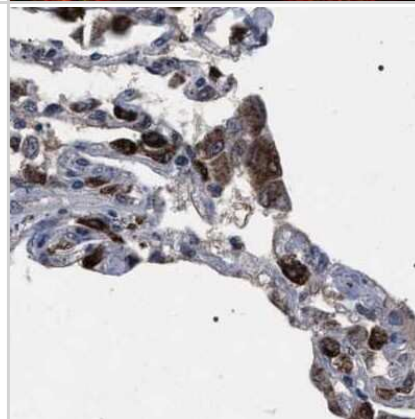
Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-85296] - Staining of human liver, lung, lymph node and testis using Anti-HSD17B4 antibody NBP1-85296 (A) shows similar protein distribution across tissues to independent antibody NBP1-85297 (B).



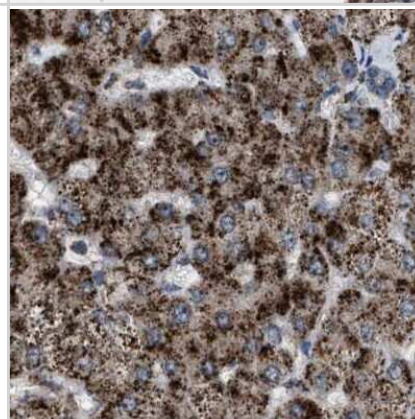
Immunocytochemistry/Immunofluorescence: HSD17B4 Antibody [NBP1-85296] - Staining of human cell line A-431 shows localization to peroxisomes. Antibody staining is shown in green.



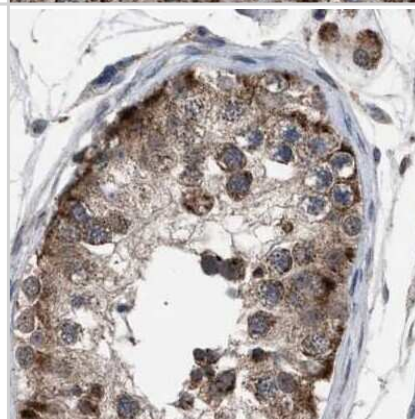
Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-85296] - Staining of human lung.



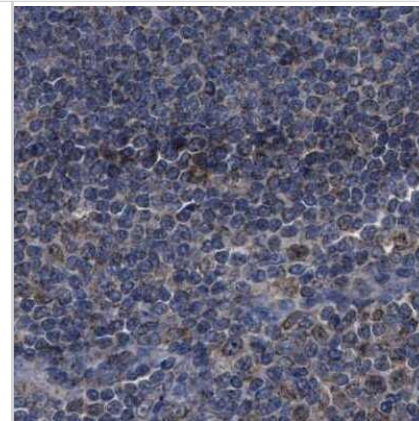
Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-85296] - Staining of human liver.



Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-85296] - Staining of human testis.



Immunohistochemistry-Paraffin: HSD17B4 Antibody [NBP1-85296] - Staining of human lymph node.



## Publications

Zhu Z, Chen J, Wang G et al. Ceramide regulates interaction of Hsd17b4 with Pex5 and function of peroxisomes *Biochim Biophys Acta Mol Cell Biol Lipids* 2019-06-05 [PMID: 31176039] (Mouse)

Cabre R, Naudi A, Dominguez-Gonzalez M et al. Lipid Profile in Human Frontal Cortex is Sustained Throughout Healthy Adult Lifespan to Decay at Advanced Ages *J. Gerontol. A Biol. Sci. Med. Sci.* 2017-08-31 [PMID: 28958038] (WB, Human)

Naudi A, Cabre R, Dominguez-Gonzalez M et al. Region-specific vulnerability to lipid peroxidation and evidence of neuronal mechanisms for polyunsaturated fatty acid biosynthesis in the healthy adult human central nervous system. *Biochim. Biophys. Acta.* 2017-02-07 [PMID: 28185952]





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### **Products Related to NBP1-85296**

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NBP1-85296PEP	HSD17B4 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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