

Product Datasheet

HSD17B4 Antibody (OTI4C4)

NBP2-46005

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-46005

HSD17B4 Antibody (OTI4C4)

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4C4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol

Product Description

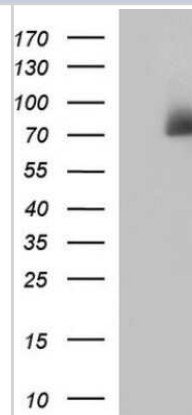
Host	Mouse
Gene ID	3295
Gene Symbol	HSD17B4
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31176039). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human HSD17B4(NP_000405) produced in HEK293T cell.

Product Application Details

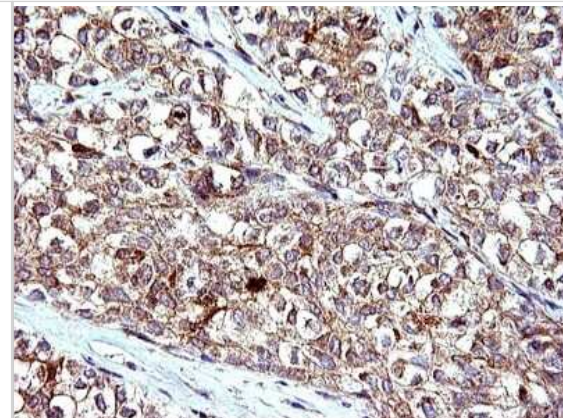
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Immunofluorescence
Recommended Dilutions	Western Blot 1:4000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation Reported in scientific literature (PMID: 31176039)., Immunohistochemistry-Paraffin, Proximity Ligation Assay Reported in scientific literature (PMID: 31176039)., Immunofluorescence 1:100

Images

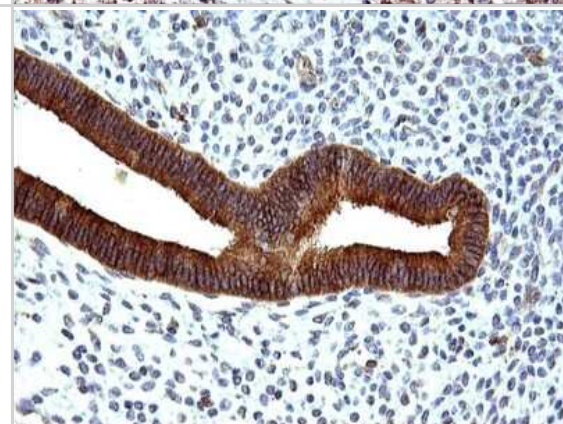
Western Blot: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HSD17B4.



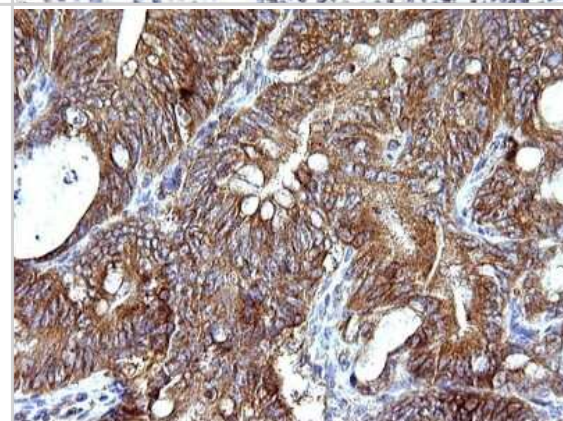
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Carcinoma of Human liver tissue.



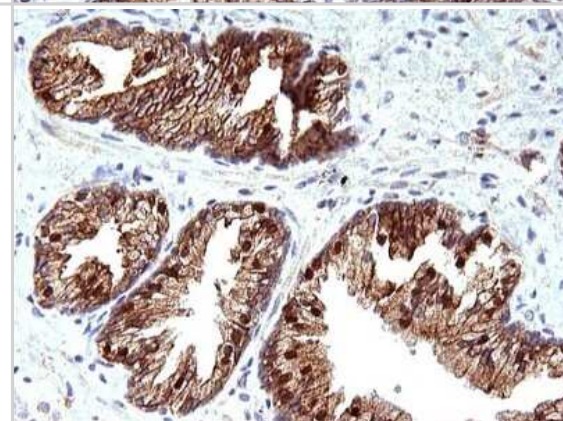
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Human Ovary tissue.



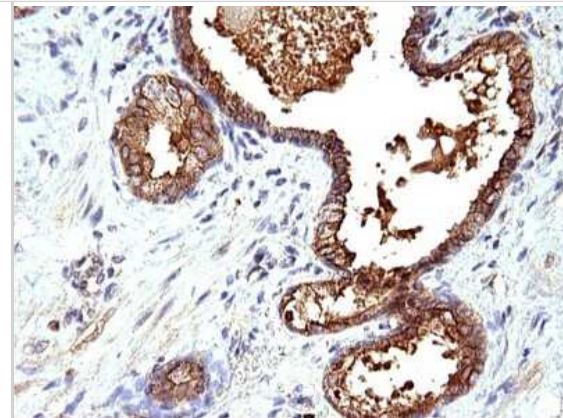
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Carcinoma of Human pancreas tissue.



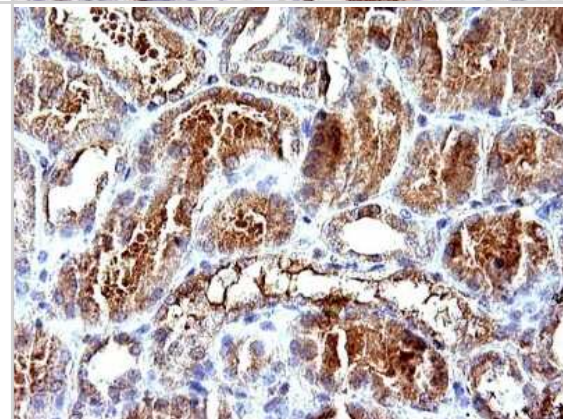
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Human prostate tissue.



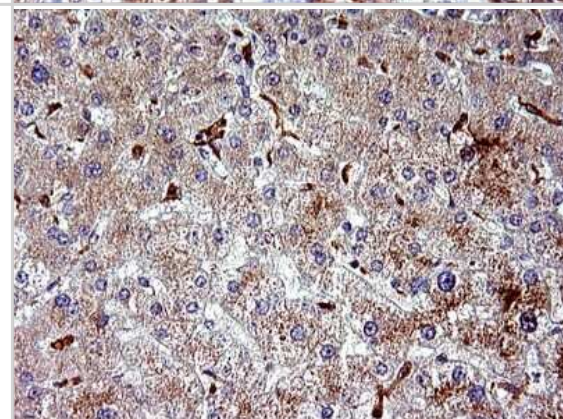
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Carcinoma of Human prostate tissue.



Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Human Kidney tissue.



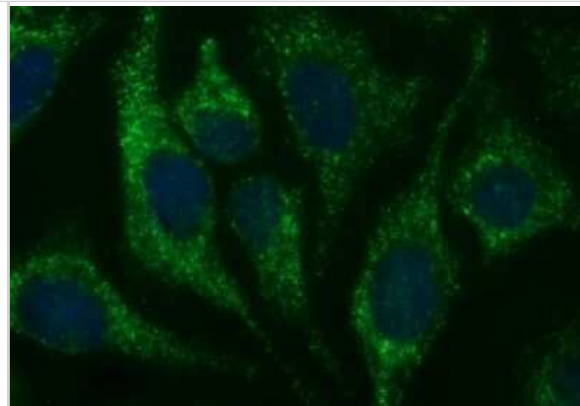
Immunohistochemistry: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of Human liver tissue.



Immunofluorescence: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY HSD17B4.



Immunofluorescence: HSD17B4 Antibody (OTI4C4) [NBP2-46005] - Analysis of HeLa cells.



Publications

Lee SA, Lee J, Kim K et al. The Peroxisomal Localization of Hsd17b4 Is Regulated by Its Interaction with Phosphatidylserine Molecules and cells 2021-04-30 [PMID: 33935042]

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] (IP, PLA, Mouse)





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Products Related to NBP2-46005

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-85295PEP	HSD17B4 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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