

Product Datasheet

hydroxysteroid (17-beta) dehydrogenase 11 Antibody - BSA Free NBP1-90334

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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NBP1-90334

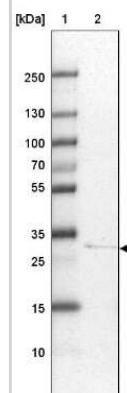
hydroxysteroid (17-beta) dehydrogenase 11 Antibody - BSA Free

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	51170
Gene Symbol	HSD17B11
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (80%). Reactivity reported in scientific literature (PMID: 23227862)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FVNTGFIKNPSTSLGPTLEPEEVVNRLMHGILTEQKMIFIPSSIAFLTTLERILPER FLAVLKRKISVKFDAVIGY
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:25, 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. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in HepG2 lysate, separated by Size, antibody dilution of 1:25, apparent MW was 36 kDa.

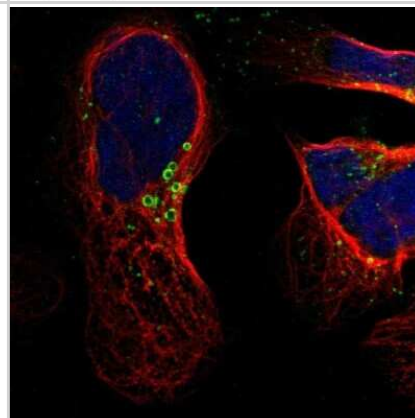


Images

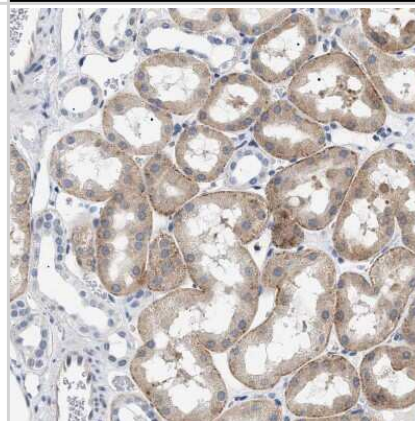
Western Blot: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Hep-G2



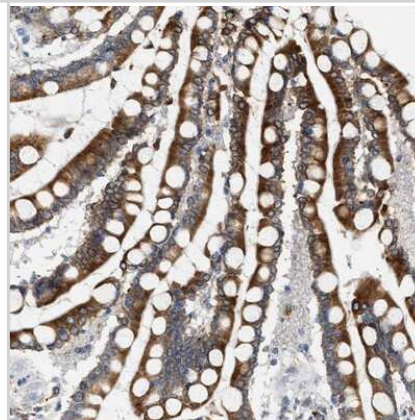
Immunocytochemistry/Immunofluorescence: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human cell line U-2 OS shows localization to lipid droplets. Antibody staining is shown in green.



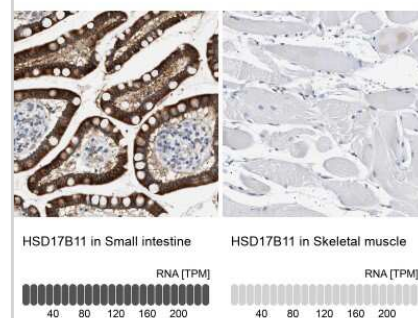
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



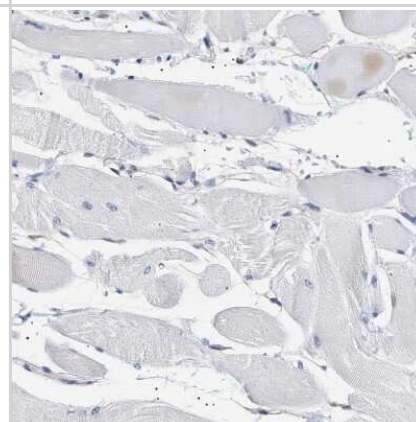
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



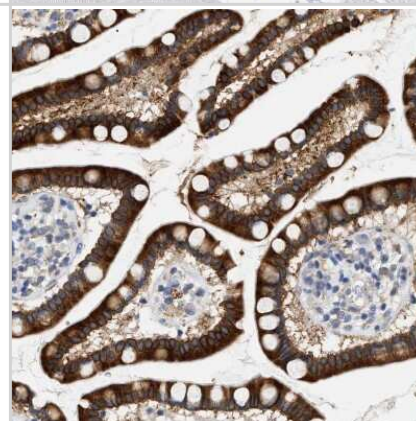
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Analysis in human small intestine and skeletal muscle tissues. Corresponding HSD17B11 RNA-seq data are presented for the same tissues.



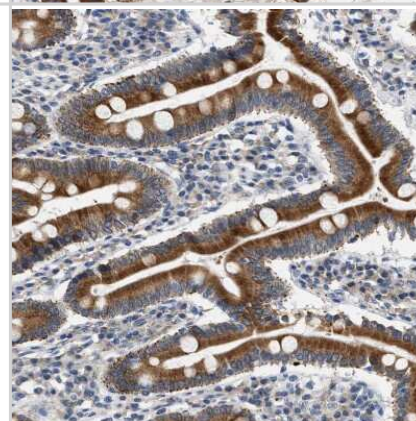
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



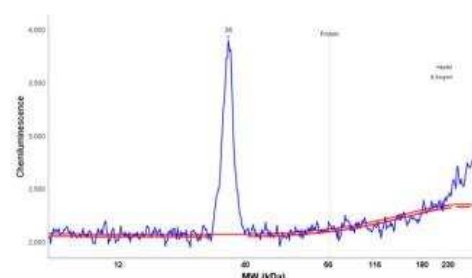
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



Simple Western: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Simple Western: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Simple Western lane view shows a specific band for hydroxysteroid (17-beta) dehydrogenase 11 in 0.2 mg/ml of HepG2 lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Simple Western: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Electropherogram image of the corresponding Simple Western lane view. hydroxysteroid (17-beta) dehydrogenase 11 antibody was used at 1:25 dilution on HepG2 lysate (s) respectively.



Publications

Danielsson F, Wiking M, Mahdessian D et al. RNA deep sequencing as a tool for selection of cell lines for systematic subcellular localization of all human proteins. J Proteome Res 2013-01-04 [PMID: 23227862]



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Products Related to NBP1-90334

NBP1-90334PEP	hydroxysteroid (17-beta) dehydrogenase 11 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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