

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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Updated 12/2/2025 v.20.1

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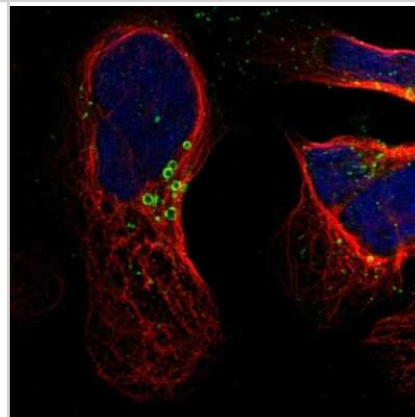
NBP1-90334

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

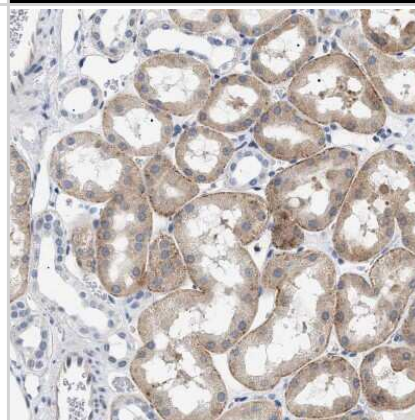
| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Product Description | |
| Description | Novus Biologicals Rabbit hydroxysteroid (17-beta) dehydrogenase 11 Antibody - BSA Free (NBP1-90334) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-hydroxysteroid (17-beta) dehydrogenase 11 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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: FVNTGFIKPNSTSLGPTLEPEEVVNRLMHGILTEQKMIFIPSSIAFLTTLERILPER FLAVLKRKISVKFDAVIGY |
| Product Application Details | |
| Applications | Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| 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

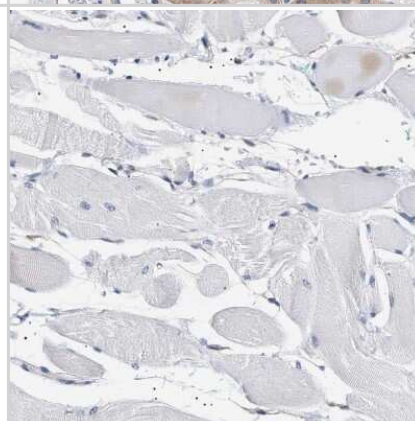
Immunocytochemistry/Immunofluorescence: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human cell line U-2 OS shows localization to lipid droplets. Antibody staining is shown in green.



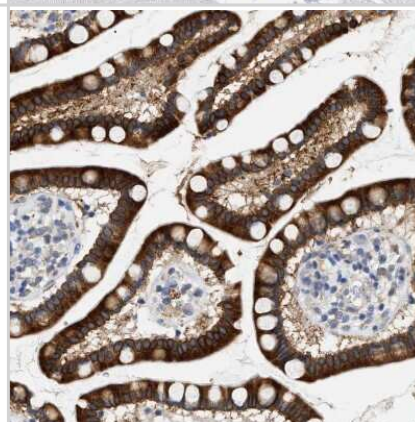
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human kidney shows weak to moderate cytoplasmic positivity in cells in tubules.



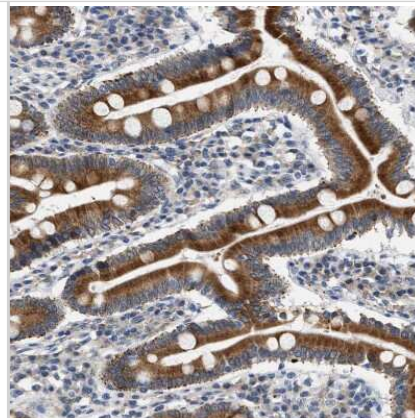
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



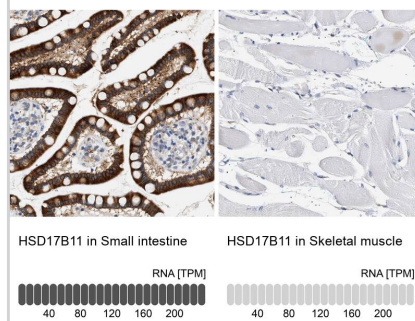
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



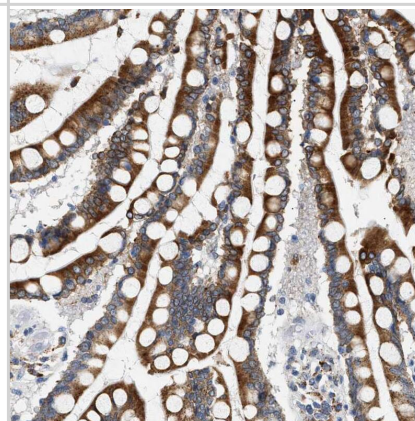
Immunohistochemistry-Paraffin: hydroxysteroid (17-beta) dehydrogenase 11 Antibody [NBP1-90334] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



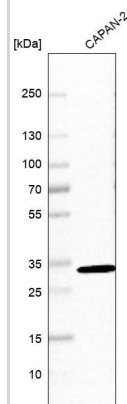
Analysis in human small intestine and skeletal muscle tissues using NBP1-90334 antibody. Corresponding HSD17B11 RNA-seq data are presented for the same tissues.



Staining of human colon shows moderate to strong cytoplasmic positivity in glandular cells.



Analysis in human cell line CAPAN-2.



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 |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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