

Product Datasheet

FXR1 Antibody - BSA Free NBP1-89546

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 9/9/2025 v.20.1

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NBP1-89546

FXR1 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

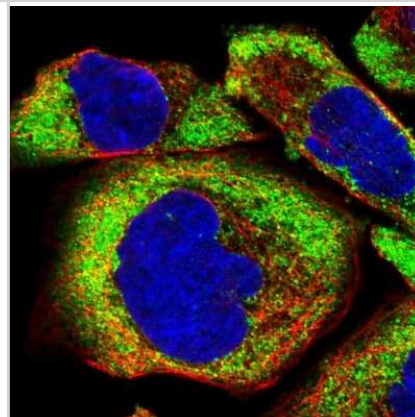
Product Description	
Description	Novus Biologicals Rabbit FXR1 Antibody - BSA Free (NBP1-89546) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-FXR1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8087
Gene Symbol	FXR1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TESERKDELSDWSLAGEDDRDSRHQRDSRRRPGGGRGRSVSGGRGRGGPRG GKSSISSVL

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 1:100, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
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 RT-4 and U-251MG, separated by Size, antibody dilution of 1:100, apparent MW was 68 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

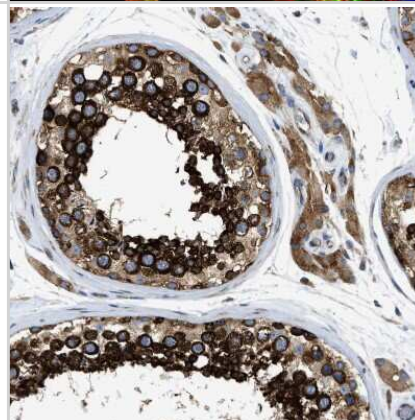


Images

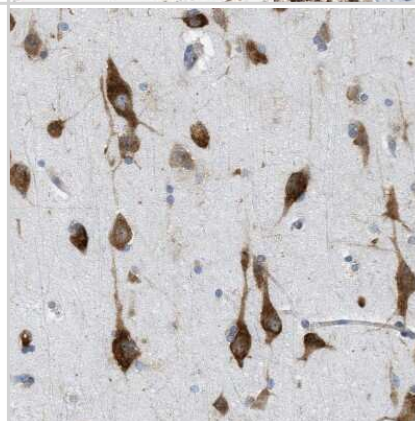
Immunocytochemistry/Immunofluorescence: FXR1 Antibody [NBP1-89546] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



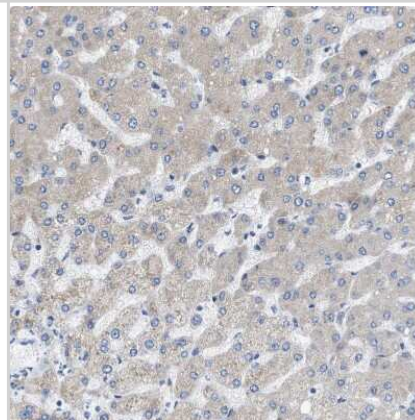
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



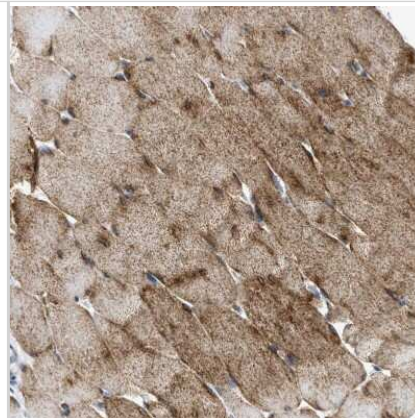
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human liver shows very weak cytoplasmic positivity in hepatocytes.



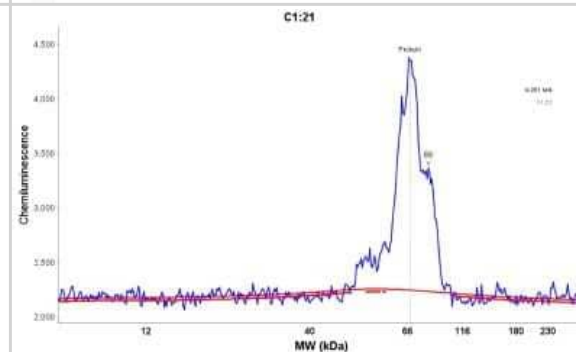
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



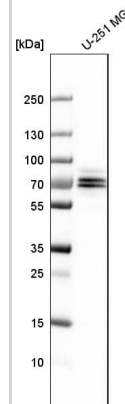
Simple Western: FXR1 Antibody [NBP1-89546] - Simple Western lane view shows a specific band for FXR1 in 0.2 mg/ml of RT-4 (left) and U-251MG sp (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



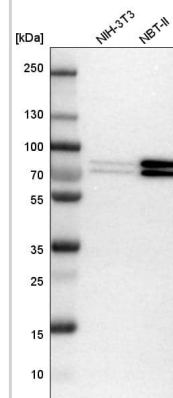
Simple Western: FXR1 Antibody [NBP1-89546] - Electropherogram image(s) of corresponding Simple Western lane view. FXR1 antibody was used at 1:100 dilution on RT-4 and U-251MG sp lysates(s).



Analysis in human cell line U-251 MG.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Fischer-Keso R, Breuninger S, Hofmann S et al. Plakophilins 1 and 3 Bind to FXR1 and Thereby Influence the mRNA Stability of Desmosomal Proteins. Mol Cell Biol 2014-12-01 [PMID: 25225333] (WB, Human)



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Products Related to NBP1-89546

NBP1-89546PEP	FXR1 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

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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