

# Product Datasheet

## FXR1 Antibody 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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**NBP1-89546**

FXR1 Antibody

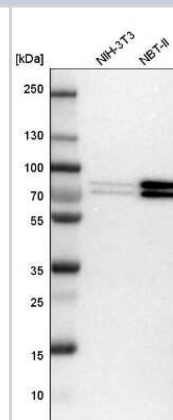
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	8087
Gene Symbol	FXR1
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25225333).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TESERKDELSDWSLAGEDDDRDSRHRQDRSRRRPGGRGRSVSGGRGRGGPRG GKSSISSVL

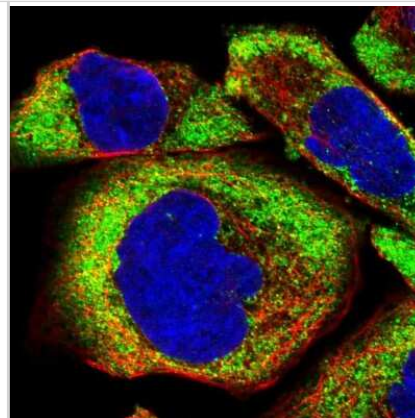
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:100, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 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. Separated by Size-Wes, Sally Sue/Peggy Sue.

**Images**

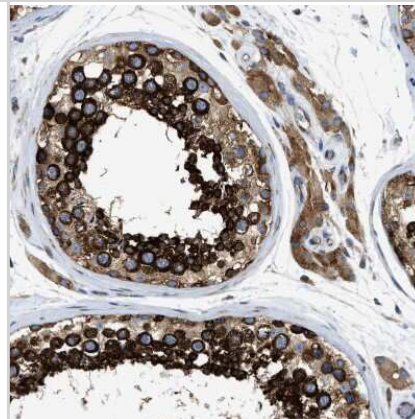
Western Blot: FXR1 Antibody [NBP1-89546] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



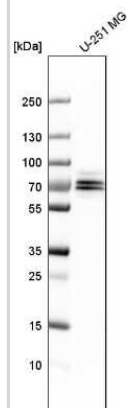
Immunocytochemistry/Immunofluorescence: FXR1 Antibody [NBP1-89546] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



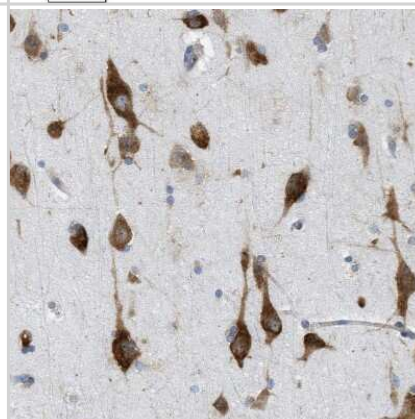
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



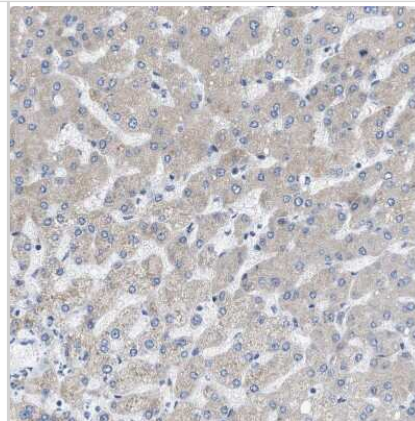
Western Blot: FXR1 Antibody [NBP1-89546] - Analysis in human cell line U-251 MG.



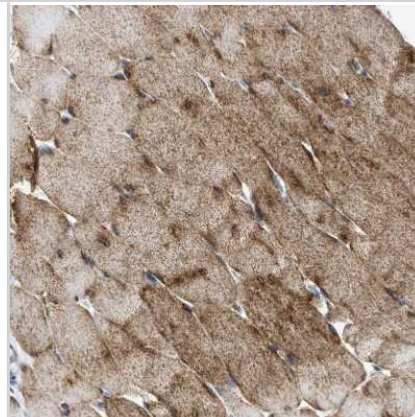
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



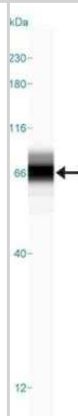
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human liver shows very weak cytoplasmic positivity in hepatocytes.



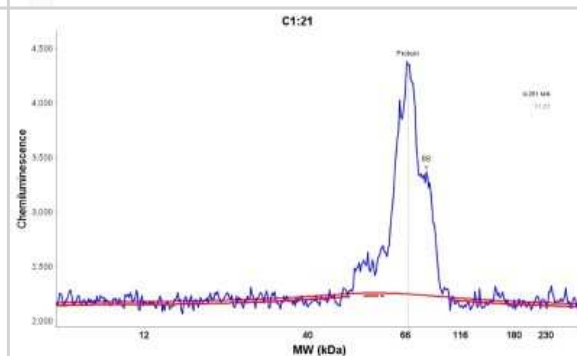
Immunohistochemistry-Paraffin: FXR1 Antibody [NBP1-89546] - Staining of human skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



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).



## 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**

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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

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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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