

FXR Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide directed towards the middle region of human NR1H4
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2605921

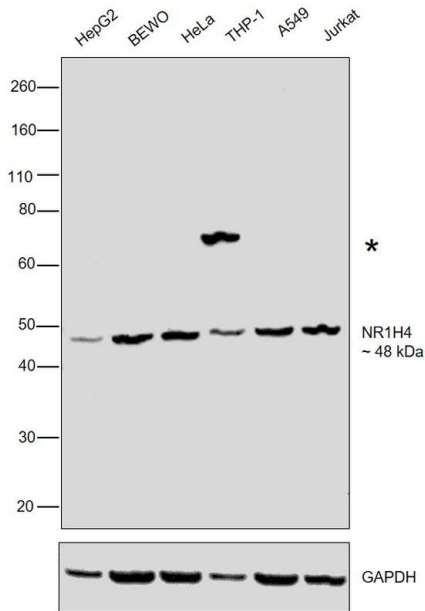
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (IHC)	1 µg/mL	2 Publications

Product Specific Information

Peptide sequence: AECLLTEIQC KSKRLRKNVK QHADQTVNED SEGRDLRQVT STTKSCREKT

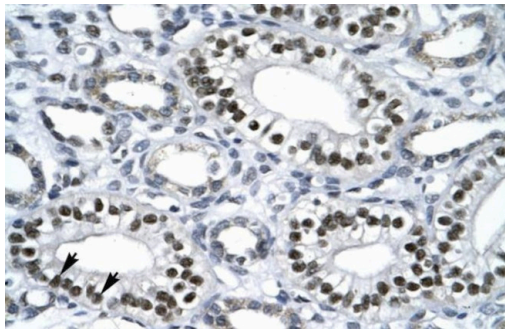
Sequence homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%

Product Images For FXR Polyclonal Antibody



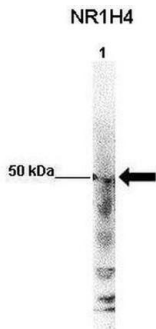
FXR Antibody (PA5-40755) in WB

Western blot was performed using Anti-FXR Polyclonal Antibody (Product # PA5-40755) and a ~48 kDa band corresponding to FXR was observed across the cell lines tested. Uncharacterized band (*) was observed at ~60 kDa in THP-1 cell lysate. Whole cell extracts (30 µg) of HepG2 (Lane 1), BEWO (Lane 2), HeLa (Lane 3), THP-1 (Lane 4), A549 (Lane 5) and Jurkat (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



FXR Antibody (PA5-40755) in IHC

Immunohistochemistry analysis of human kidney tissue using an anti-Farnesoid X Receptor polyclonal antibody (Product # PA5-40755).



FXR Antibody (PA5-40755) in WB

Western blot analysis of mouse glomerular endothelial cell lysate using an anti-Farnesoid X Receptor polyclonal antibody (Product # PA5-40755). Primary Antibody Dilution: 1:1000; Secondary Antibody: Anti-rabbit-HRP. LANE 1) 50µg mouse glomerular endothelial lysate.

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Western Blot (1)

Evidence-based complementary and alternative medicine : eCAM	Year 2022
Effect of Gegen Qinlian Decoction on Hepatic Gluconeogenesis in ZDF Rats with Type 2 Diabetes Mellitus Based on the Farnesol X Receptor /Ceramide Signaling Pathway Regulating Mitochondrial Metabolism and Endoplasmic Reticulum Stress.	Species Rat
"Published figure using FXR polyclonal antibody (Product # PA5-40755) in Immunohistochemistry"	
Authors: Zhou Q,Song N,Wang SQ,Wang Y,Zhao YK,Zhu XD	

Immunohistochemistry (2)

Evidence-based complementary and alternative medicine : eCAM	Year 2022
Effect of Gegen Qinlian Decoction on Hepatic Gluconeogenesis in ZDF Rats with Type 2 Diabetes Mellitus Based on the Farnesol X Receptor /Ceramide Signaling Pathway Regulating Mitochondrial Metabolism and Endoplasmic Reticulum Stress.	Species Rat
"Published figure using FXR polyclonal antibody (Product # PA5-40755) in Immunohistochemistry"	
Authors: Zhou Q,Song N,Wang SQ,Wang Y,Zhao YK,Zhu XD	

EBioMedicine	Year 2020
Ileo-colonic delivery of conjugated bile acids improves glucose homeostasis via colonic GLP-1-producing enteroendocrine cells in human obesity and diabetes.	Species Human
"PA5-40755 was used in Immunohistochemistry to determine whether the BA pathway is altered and correctable in human obesity and diabetes."	
Authors: Calderon G,McRae A,Rievaj J,Davis J,Zandvakili I,Linker-Nord S,Burton D,Roberts G,Reimann F,Gedulin B, Vella A,LaRusso NF,Camilleri M,Gribble FM,Acosta A	
Dilution 1:100	

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