


Product datasheet

Anti-FXR1 antibody ab155124

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Overview

Product name	Anti-FXR1 antibody
Description	Rabbit polyclonal to FXR1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human, Zebrafish Predicted to work with: Chicken, Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 77-378 of Human FXR1 (UniProt: P51114).
Positive control	HepG2, HeLa and Mouse liver whole cell lysates; HeLa cells, Human CAL27 xenograft tissue; Zebrafish brain whole cell lysate and kidney tube
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155124 in the following tested applications.

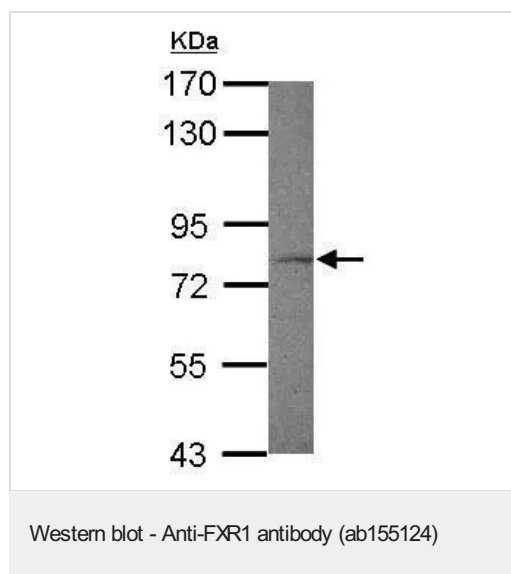
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 70 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function	RNA-binding protein required for embryonic and postnatal development of muscle tissue. May regulate intracellular transport and local translation of certain mRNAs.
Tissue specificity	Expressed in all tissues examined including heart, brain, kidney and testis.
Sequence similarities	Belongs to the FMR1 family. Contains 2 KH domains.
Post-translational modifications	Arg-445 is dimethylated, probably to asymmetric dimethylarginine.
Cellular localization	Cytoplasm.

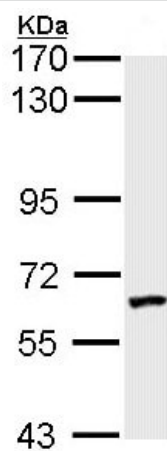
Images



Anti-FXR1 antibody (ab155124) at 1/1000 dilution + Zebrafish brain whole cell lysate at 30 µg

Predicted band size: 70 kDa

7.5% SDS PAGE

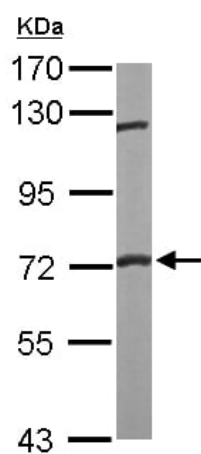


Western blot - Anti-FXR1 antibody (ab155124)

Anti-FXR1 antibody (ab155124) at 1/1000 dilution + HepG2 whole cell lysate at 30 μ g

Predicted band size: 70 kDa

7.5% SDS PAGE

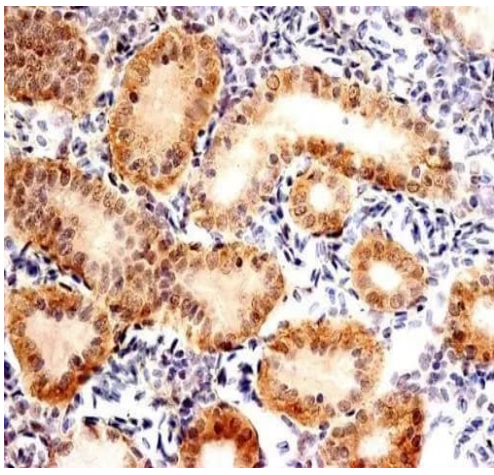


Western blot - Anti-FXR1 antibody (ab155124)

Anti-FXR1 antibody (ab155124) at 1/1000 dilution + Mouse liver whole cell lysate at 50 μ g

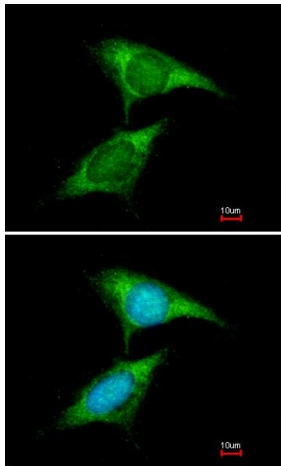
Predicted band size: 70 kDa

7.5% SDS PAGE



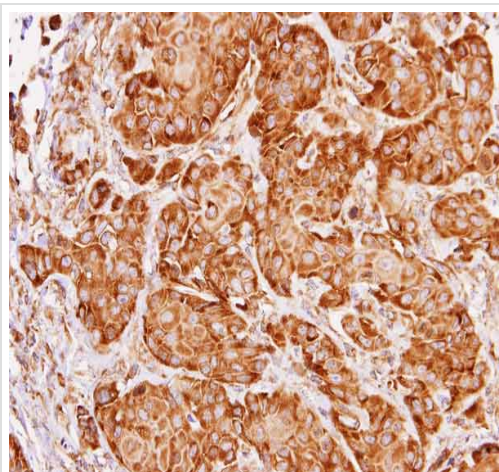
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FXR1 antibody (ab155124)

Immunohistochemical analysis of paraffin-embedded sections of zebrafish kidney tube, using FXR1 antibody (ab155124) at 1:300 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-FXR1 antibody (ab155124)

Immunofluorescent analysis of methanol-fixed HeLa cells, labeling FXR1 with ab155124 at 1/100 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunohistochemical analysis of paraffin-embedded Human CAL27 xenograft tissue, labeling FXR1 with ab155124 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FXR1 antibody (ab155124)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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