

Datasheet for ABIN2778916  
**anti-FXR2 antibody (Middle Region)**[1 Image](#)[1 Publication](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FXR2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FXR2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FXR2
Sequence:	RGRRTGGPAY GPSSDVSTAS ETESEKREEP NRAGPGDRDP PTRGEESRRR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FXR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	FXR2
---------	------

## Target Details

Alternative Name:	FXR2 ( <a href="#">FXR2 Products</a> )
Background:	<p>FXR2 is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X mental retardation syndrome. The protein encoded by this gene is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This encoded protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X mental retardation syndrome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: FMR1L2, FXR2P</p> <p>Protein Interaction Partner: MORF4L1, FMR1, MRPL43, PRAM1, CEP44, HMBBOX1, C1orf35, NIF3L1, TBC1D22B, CEP55, FAM90A1, PAF1, LASP1, POM121, FXR2, ZBTB22, AP1M1, SCEL, YES1, SRPK2, PIM1, PCBD1, MFAP1, LCP2, CDKL3, BAZ2B, CAMK2D, BYSL, C10orf62, MIA3, ZMAT2, SYT6, SYTL4, NDN, KIF1A, UBC,</p> <p>Protein Size: 673</p>
Molecular Weight:	74 kDa
Gene ID:	9513
NCBI Accession:	<a href="#">NM_004860</a> , <a href="#">NP_004851</a>
UniProt:	<a href="#">P51116</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 673 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

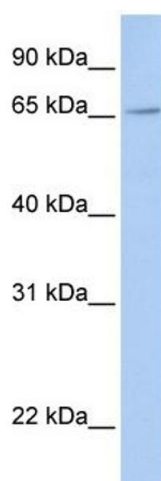
## Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1 regulation with glucocorticoid receptor-interacting protei" in: <b>Molecular pharmacology</b> , Vol. 67, Issue 3, pp. 845-55, (2005) ( <a href="#">PubMed</a> ).
-------------------	---

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-FXR2 Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7 cell lysate FXR2 is supported by BioGPS gene expression data to be expressed in MCF7