

# Product Datasheet

## FXR1 Antibody NB100-41388

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-41388**

## FXR1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat FXR1 Antibody (NB100-41388) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8087
Gene Symbol	FXR1
Species	Human, Mouse
Reactivity Notes	Expected from sequence similarity: Human, Rat, Canine
Specificity/Sensitivity	This antibody is expected to recognise all reported isoforms (NP_005078.2, NP_001013456.1 and NP_001013457.1).
Immunogen	Peptide with sequence C-RIEGDNENKLPRED corresponding to internal region according to NP_001013456.1, NP_001013457.1.

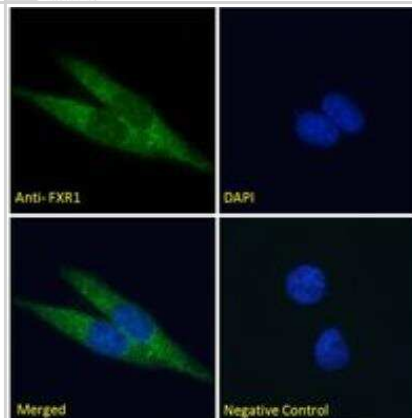
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	Western blot: Approx 75+80kDa band observed in lysates of cell line NIH-3T3 (calculated MW of 59.9 kDa according to NP_001013457.1). The observed molecular weight corresponds to earlier findings in literature (Khandjian et al Hum Mol Genet. 1998 Dec;7(13):2121-8.; PMID: 9817930). An additional band of unknown identity was also consistently observed at 37 kDa. This band was successfully blocked by incubation with the immunizing peptide.

## Images

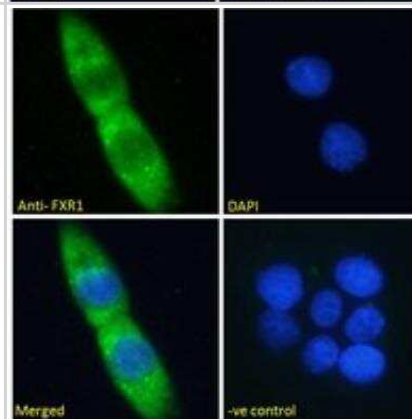
Western Blot: FXR1 Antibody [NB100-41388] - 1ug/ml staining of NIH-3T3 cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunocytochemistry/Immunofluorescence: FXR1 Antibody [NB100-41388] - Paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary antibody at 10 ug/mL, 1 hr incubation followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunocytochemistry/Immunofluorescence: FXR1 Antibody [NB100-41388] - Paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary antibody at 10 ug/mL, 1 hr incubation, followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).





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### Products Related to NB100-41388

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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