

Product Datasheet

FXR/NR1H4 Antibody NB100-55416

Unit Size: 0.1 mg

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

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Publications: 1

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NB100-55416

FXR/NR1H4 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

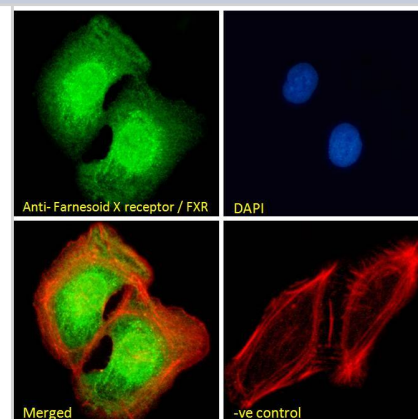
Product Description	
Description	Novus Biologicals Goat FXR/NR1H4 Antibody (NB100-55416) is a polyclonal antibody validated for use in ELISA, Flow and ICC/IF. Anti-FXR/NR1H4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	9971
Gene Symbol	NR1H4
Species	Human
Immunogen	Peptide with sequence KSCREKTELTPDQQ, from the internal region of the protein sequence according to NP_005114.1; NP_001193906.1; NP_001193922.1; NP_001193921.1; NP_001193907.1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary testing showed a band at approx 55kDa in Human Kidney, Colon, Duodenum and Ileum lysate after 0.5ug/ml antibody staining (calculated MW of 54.4kDa according to NP_005114.1). Primary incubation 1 hour at room temperature.

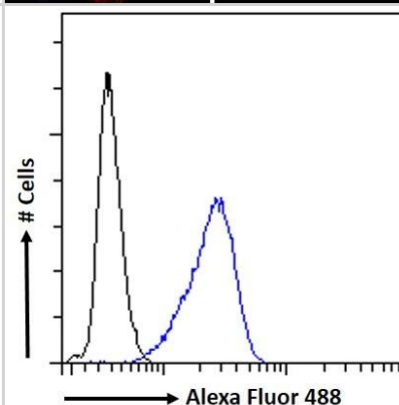


Images

Immunocytochemistry/Immunofluorescence: FXR/NR1H4 Antibody [NB100-55416] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry: FXR/NR1H4 Antibody [NB100-55416] - Flow cytometric analysis of paraformaldehyde fixed U2OS cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Huang W, Ma K, Zhang J et al. Nuclear receptor-dependent bile acid signaling is required for normal liver regeneration. Science 2006-04-14 [PMID: 16614213]



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Products Related to NB100-55416

NBL1-13769	FXR/NR1H4 Overexpression Lysate
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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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