

## Product datasheet for **TA309773**

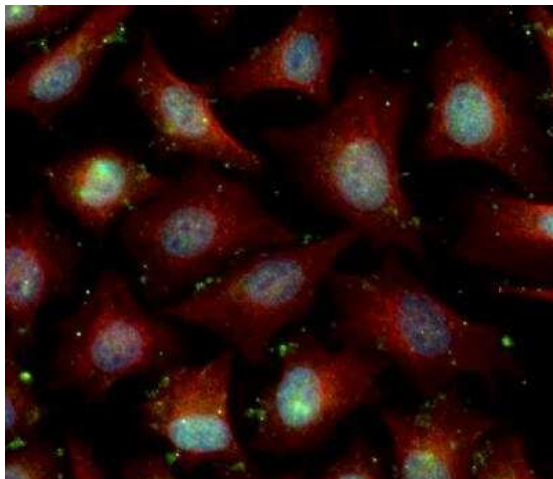
### Bile Acid Receptor (NR1H4) Rabbit Polyclonal Antibody

#### Product data:

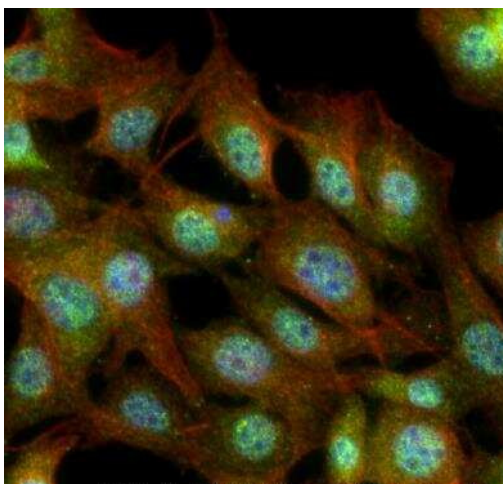
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	Western Blot: 1 - 4 ug/mL, Immunocytochemistry/ Immunofluorescence: 1:100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to the C-terminus of the human FXR protein.
Formulation:	Tris-glycine with 150 mM NaCl and 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nuclear receptor subfamily 1 group H member 4
Database Link:	<a href="#">NP_005114</a> <a href="#">Entrez Gene 9971 Human</a> <a href="#">Q96R11</a>
Synonyms:	BAR; FXR; HRR-1; HRR1; PFIC5; RIP14
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors



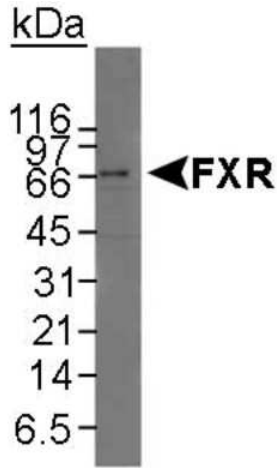
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**Product images:**

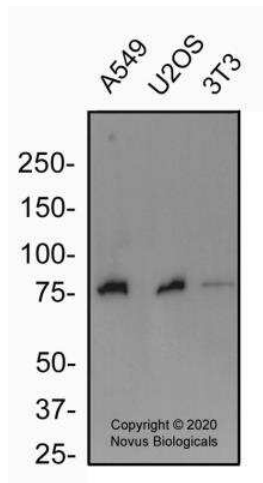
Immunocytochemistry/Immunofluorescence: FXR/NR1H4 Antibody TA309773 - A549 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-FXR/NR1H4 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunocytochemistry/Immunofluorescence: FXR/NR1H4 Antibody TA309773 - NIH3T3 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-FXR/NR1H4 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Western Blot: FXR Antibody TA309773 - Detection of FXR in HeLa nuclear extract using TA309773. ECL 30 minute detection.



Western Blot: FXR/NR1H4 Antibody TA309773 - Total protein from human A549, U2OS cell and mouse 3T3 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-FXR (TA309773) in block buffer and detected with an anti-rabbit HRP secondary antibody using NovaLume chemiluminescence detection reagent (NPB2-61915).