

Bile acid receptor Polyclonal Antibody

Catalog No: #42665

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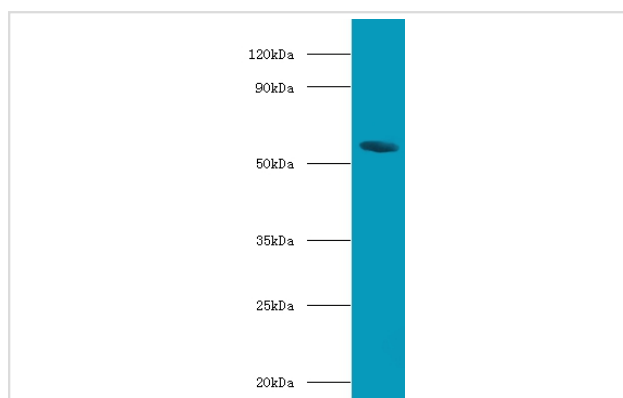
Description

Product Name	Bile acid receptor Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Bile acid receptor polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Bile acid receptor protein
Target Name	Bile acid receptor
Other Names	Farnesoid X-activated receptor, Farnesol receptor HRR-1, Nuclear receptor subfamily 1 group H member 4, Retinoid X receptor-interacting protein 14, RXR-interacting protein 14, NR1H4, BAR, FXR, HRR1, RIP14
Accession No.	Swiss-Prot#: Q96RI1
Uniprot	Q96RI1
GeneID	9971;
Calculated MW	56kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All lanes: Bile acid receptor antibody at 2ug/ml+mouse stomach tissue
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :56kDa
observed band size :56kDa

Background

Ligand-activated transcription factor. Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the cholesterol 7-alpha-hydroxylase gene (CYP7A1) through the induction of NR0B2 or FGF19 expression, via two distinct

mechanisms. Activates the intestinal bile acid-binding protein (IBABP). Activates the transcription of bile salt export pump ABCB11 by directly recruiting histone methyltransferase CARM1 to this locus.

References

[1]"Improvement of physiochemical properties of the tetrahydroazepinoindole series of farnesoid X receptor (FXR) agonists: beneficial modulation of lipids in primates."Lundquist J.T., Harnish D.C., Kim C.Y., Mehlmann J.F., Unwalla R.J., Phipps K.M., Crawl

Note: This product is for in vitro research use only