

Catalog Number:	NB400-153SS
Background:	The steroid receptor superfamily acts through direct association with DNA sequences known as hormone response elements (HREs) and bind DNA as either homo- or heterodimers. The promiscuous mediator of heterodimerization, RXR, is the receptor for 9-cis retinoic acid, and dimerizes with VDR, TR, PPAR, as well as several novel receptors including LXR (also referred to as RLD-1) and FXR. FXR and LXR fall into a category of proteins termed "orphan receptors" because of their lack of a defined function, and in the case of LXR, the lack of a defined ligand. FXR has been shown to bind a class of lipid molecules called farnesoids. LXR/RXR heterodimers have highest affinity for DR-4 DNA elements while FXR/RXR heterodimers bind IR-1 elements. Both LXR/RXR and FXR/RXR heterodimers retain their responsiveness to 9-cis retinoic acid.
Alternate Names:	anti-Bile acid receptor antibody, anti-Farnesoid X-activated receptor antibody, anti-Farnesol receptor HRR-1 antibody, anti-Retinoic X receptor-interacting protein 14 antibody, anti-RXR-interacting protein 14 antibody
Research Areas:	12,0
Immunogen:	A synthetic peptide made to the C-terminus of the human FXR protein.
Species Reactivity:	Human. Other species have not been tested.
Uses:	This antibody may be used for Western blot analysis where a band is seen at ~66 kDa. Other applications have not been tested. Western Blot: 1 to 4 ug/ml *Optimal working dilutions should be determined by the investigator. * Other applications have not been tested.
Dilutions:	Suggested working dilutions * Western Blot * Investigator should determine optimal working dilutions.
Packaging:	0.025 ml Whole antisera Rabbit antisera.
Concentration:	5.7 mg/ml
Buffer:	Tris-glycine, 150 mM NaCl, 0.05% NaN ₃
Preservative:	Sodium Azide
Storage:	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze thaw cycles.
Gene Id:	20186
Related Diseases:	Artherosclerosis, Cholestasis

Image(s)



Novus Biologicals, Inc
PO Box 802
Littleton, CO 80160
Phone: 1-888-506-6887
Fax: 303-730-1966
Email: novus@novusbio.com
Go to: www.NovusBio.com