

NR1H3 antibody

Product Information

Catalog No.:	FNab05836
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7D2
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Nuclear receptor. Interaction with RXR shifts RXR from its role as a silent DNA-binding partner to an active ligand-binding subunit in mediating retinoid responses through target genes defined by LXRES. LXRES are DR4-type response elements characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides. Plays an important role in the regulation of cholesterol homeostasis, regulating cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8. Interplays functionally with RORA for the regulation of genes involved in liver metabolism(By similarity). Exhibits a ligand-dependent transcriptional activation activity(PubMed:25661920).

Immunogen information

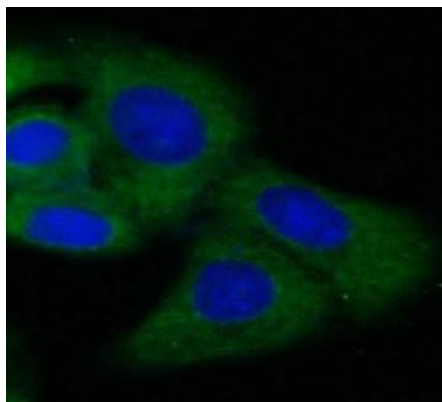
Immunogen:	nuclear receptor subfamily 1, group H, member 3
Synonyms:	Oxysterols receptor LXR-alpha Liver X receptor alpha Nuclear receptor subfamily 1 group H member 3 NR1H3 LXRA
Observed MW:	48 kDa
Uniprot ID :	Q13133

Application

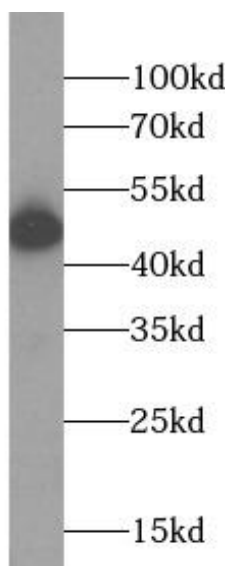
Reactivity:	Human, Rat
Tested Application:	ELISA, WB, IF

Recommended dilution: WB: 1:200-1:1000; IF: 1:10-1:100

Image:



Immunofluorescent analysis of HepG2 cells using FNab05836(NR1H3 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab05836(NR1H3 antibody) at dilution of 1:500