

Datasheet for ABIN7162411
anti-NR1H3 antibody (AA 1-402)

3 Images

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Overview

Quantity:	100 µg
Target:	NR1H3
Binding Specificity:	AA 1-402
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Oxysterols receptor LXR-alpha protein (1-402AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NR1H3
Alternative Name:	NR1H3 (NR1H3 Products)
Background:	Background: Nuclear receptor that exhibits a ligand-dependent transcriptional activation activity (PubMed:19481530, PubMed:25661920). Interaction with retinoic acid receptor (RXR) shifts

Target Details

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 (By similarity). LXRES are DR4-type response elements characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides (By similarity). Plays an important role in the regulation of cholesterol homeostasis, regulating cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8 (PubMed:19481530). Interplays functionally with RORA for the regulation of genes involved in liver metabolism (By similarity).

Aliases: Liver X receptor alpha antibody, LXR a antibody, LXRA antibody, NR1H3 antibody, NR1H3_HUMAN antibody, Nuclear receptor subfamily 1 group H member 3 antibody, Oxysterols receptor LXR alpha antibody, Oxysterols receptor LXR-alpha antibody, RLD 1 antibody, RLD1 antibody

UniProt: [Q13133](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Nuclear Hormone Receptor Binding](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

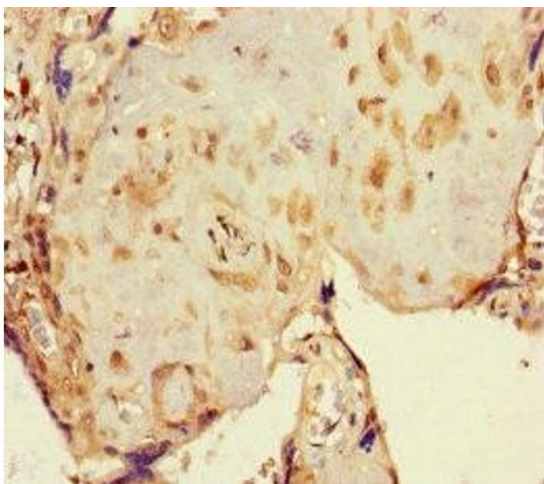
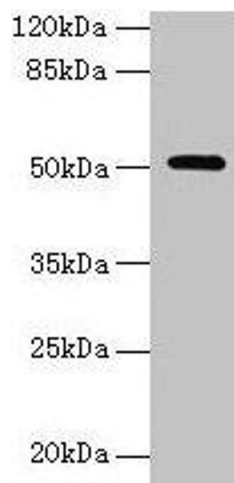
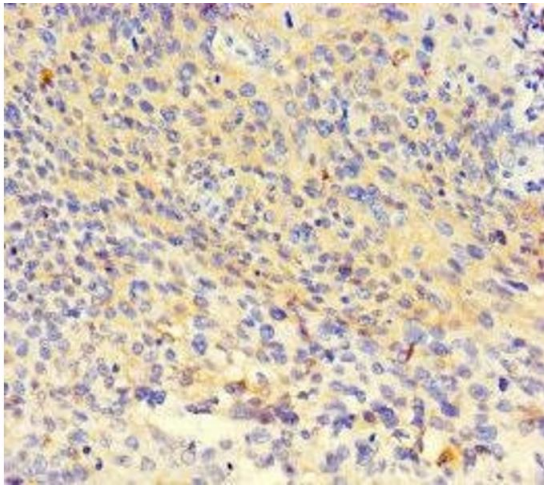
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human thyroid tissue using ABIN7162411 at dilution of 1:100

Western Blotting

Image 2. Western blot All lanes: NR1H3 antibody at 6 μ g/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 51, 44, 46 kDa Observed band size: 51 kDa

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7162411 at dilution of 1:100