

Datasheet for ABIN953747

anti-NR1H3 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	NR1H3
Binding Specificity:	AA 232-262, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 232~262 amino acids from the Central region of human NR1H3
Isotype:	Ig Fraction
Specificity:	This antibody reacts to NR1H3.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	NR1H3
Alternative Name:	NR1H3 (NR1H3 Products)

Target Details

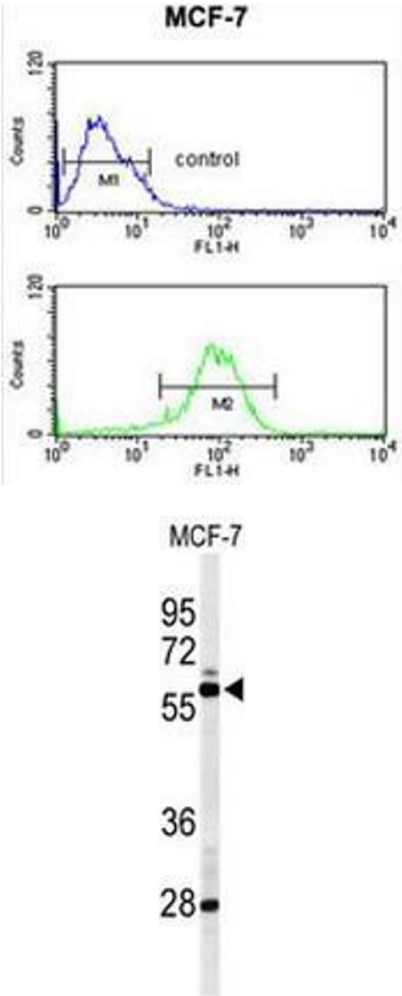
Background:	NR1H3 form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRβ is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors (RXRs, see MIM 180245) and regulate expression of target genes containing LXR response elements.Synonyms: LXRA, Liver X receptor alpha, Nuclear orphan receptor LXR-alpha, Nuclear receptor subfamily 1 group H member 3, Oxysterols receptor LXR-alpha
Molecular Weight:	50396 Da
Gene ID:	10062
NCBI Accession:	NP_001123573
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. NR1H3 Antibody (Center) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of NR1H3 Antibody (Center) in MCF-7 cell line lysates (35µg/lane). NR1H3 (arrow) was detected using the purified Pab.