Datasheet for ABIN7217836

anti-NR1H3 antibody (Internal Region)

7 Images

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Overview

Quantity:	100 µL
Target:	NR1H3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	LXRα Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human LXRalpha
Isotype:	IgG
Specificity:	LXRα Polyclonal Antibody detects endogenous levels of LXRα protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	NR1H3
Alternative Name:	LXRalpha (NR1H3 Products)

Target Details

Background:	Rabbit Anti-LXRα Polyclonal Antibody,NR1H3, LXRA, Oxysterols receptor LXR-alpha, Liver X receptor alpha, Nuclear receptor subfamily 1 group H member 3,Oxysterols receptor LXR-alpha encoded by NR1H3 belongs to the NR1 subfamily of the nuclear receptor superfamily. The NR1 family members are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. This protein is highly expressed in visceral organs, including liver, kidney and intestine. It forms a heterodimer with retinoid X receptor (RXR), and regulates expression of target genes containing retinoid response elements. Studies in mice lacking this gene suggest that it may play an important role in the regulation of cholesterol homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,Oxysterols receptor LXR-alpha
Molecular Weight:	observerd band 50kDa
Gene ID:	10062
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:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

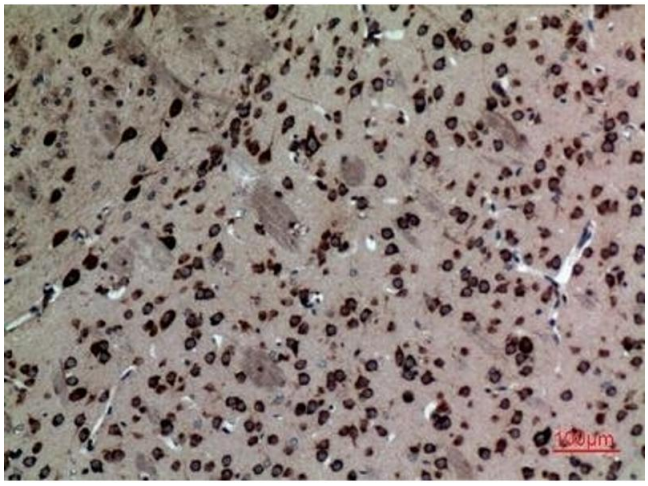
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % 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

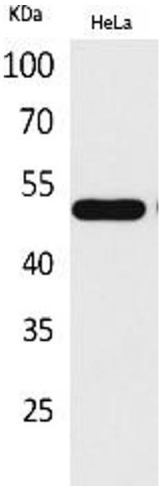
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



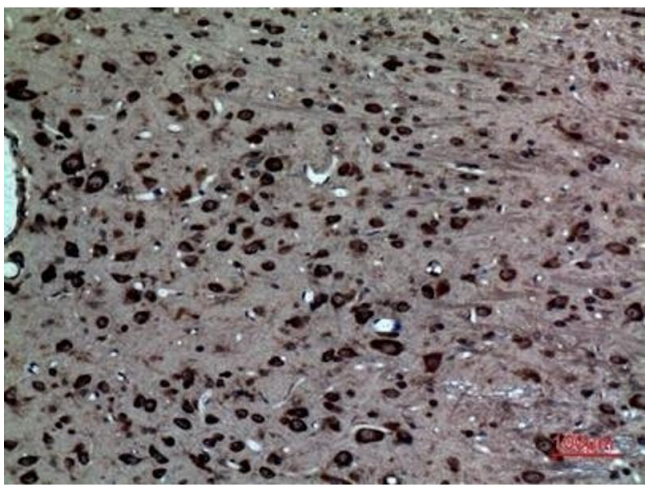
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded Mouse-brain, antibody was diluted at 1:100.



Western Blotting

Image 2. Western Blot analysis of hela cells using LXRα Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody (ABIN7205155) was diluted at 1:20000.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100.

Images

Please check the product details page for more images. Overall 7 images are available for ABIN7217836.