antibodies

Datasheet for ABIN1049146 anti-NR5A2 + LRH1 antibody (C-Term)

3 Images



Overview

Quantity:	50 µg
Target:	NR5A2 + LRH1 (NR5A2)
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Sheep, Dog, Horse, Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 17 amino acid peptide from C-terminal to ligand-binding domain of human NR5A2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Sheep, Bovine, Dog, Elephant, Panda, Horse, Pig (100%), Opossum, Turkey, Chicken, Platypus, Xenopus, Stickleback (94%), Mouse, Rat, Trout, Pufferfish, Zebrafish (88%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human NR5A2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Sheep, Bovine, Dog, Elephant, Panda, Horse, Pig (100%) Opossum, Turkey, Chicken, Platypus, Xenopus, Stickleback (94%) Mouse, Rat, Trout, Pufferfish, Zebrafish (88%).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/5 | Product datasheet for ABIN1049146 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Product Details	
Purification:	Immunoaffinity purified
T (D (()	
Target Details	
Target:	NR5A2 + LRH1 (NR5A2)
Alternative Name:	NR5A2 / LRH-1 (NR5A2 Products)
Background:	Name/Gene ID: NR5A2
	Subfamily: NR5 Fushi tarazu-like
	Family: NHR
	Synonyms: NR5A2, B1F, B1F2, B1-binding factor, CPF, CYP7A promoter-binding factor, FTZ-
	F1beta, FTF, Liver receptor homolog 1, LRH1, LRH-1, HB1F, HB1F-2, Nuclear receptor phr-1,
	FTZ-F1, Liver receptor homolog-1, Nuclear receptor NR5A2, Receptor phr
Gene ID:	2494

Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway

Application Details

Pathways:

Application Notes:	Approved: IHC, IHC-P (7 µg/mL)
Comment:	Target Species of Antibody: Human
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol
	Tissue Preparation
	Formalin fixation and embedding in paraffin wax
	Tissue Sectioning
	Make 4-µm sections and place on pre-cleaned and charged microscope slides.
	Heat in a tissue-drying oven for 45 minutes at 60°C
	Deparaffinization
	Wash slides in 3 changes of xylene – 5 minutes each at room temperature.
	Rehydration

Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature. Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature. Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/5 | Product datasheet for ABIN1049146 | 09/12/2023 | Copyright antibodies-online. All rights reserved. Rinse slides in gentle running distilled water - 5 minutes at room temperature.

Antigen retrieval

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

Immunostaining

Do not allow tissues to dry at any time during the staining procedure. Apply a universal protein block – 20 minutes at room temperature. Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature. Rinse slides 1X TBST – 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. Rinse slides in 1X TBST - 1 minute at room temperature. Apply alkaline phosphatase streptavidin – 30 minutes at room temperature. Wash slides in distilled water – 1 minute at room temperature.

Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble. Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature. Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature. Wash slides in 3 changes of xylene – 1 minute each at room temperature. Apply coverslip

Restrictions:

For Research Use only

Handling

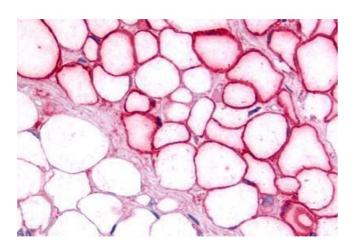
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/5 | Product datasheet for ABIN1049146 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Handling

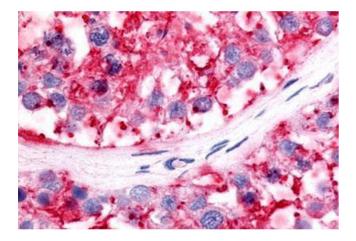
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



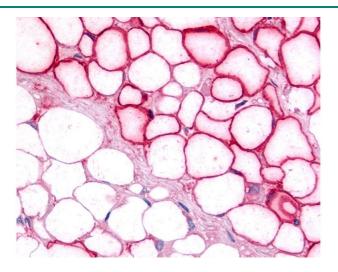
Immunohistochemistry

Image 1. Anti-LRH-1 / NR5A2 antibody IHC staining of human adipocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1049146 dilution 7 ug/ml.



Immunohistochemistry

Image 2. Anti-LRH-1 / NR5A2 antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1049146 dilution 7 ug/ml.



Immunohistochemistry

Image 3. Anti-LRH-1 / NR5A2 antibody IHC of human adipocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 7 ug/ml.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 5/5 | Product datasheet for ABIN1049146 | 09/12/2023 | Copyright antibodies-online. All rights reserved.