

Datasheet for ABIN214795
anti-NR1H4 antibody (AA 194-243)

2 Images

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Overview

Quantity:	50 µg
Target:	NR1H4
Binding Specificity:	AA 194-243
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Pig, Guinea Pig, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	<p>Synthetic peptide located between aa194-243 of human NR1H4 (Q96R11-2, NP_005114).</p> <p>Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Horse, Pig, Guinea pig (100%), Hamster, Rabbit (92%), Turkey, Chicken (85%), Platypus (84%), M. tuberculosis (83%).</p> <p>Type of Immunogen: Synthetic peptide</p>
Specificity:	Human NR1H4
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Horse, Pig, Guinea pig (100%) Rabbit (92%) Chicken (85%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: NR1H4

Alternative Name: NR1H4 / FXR ([NR1H4 Products](#))

Background: Name/Gene ID: NR1H4
Subfamily: NR1 Thyroid hormone-like
Family: NHR

Synonyms: NR1H4, BAR, Farnesyl x receptor, FXR, HRR1, Farnesoid x activated receptor, Farnesoid X receptor, Farnesol receptor HRR-1, HRR-1, RXR-interacting protein 14, RIP14, Bile acid receptor, Farnesoid X nuclear receptor, Farnesoid X-activated receptor

Gene ID: 9971

NCBI Accession: [NP_005114](#)

UniProt: [Q96R11](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

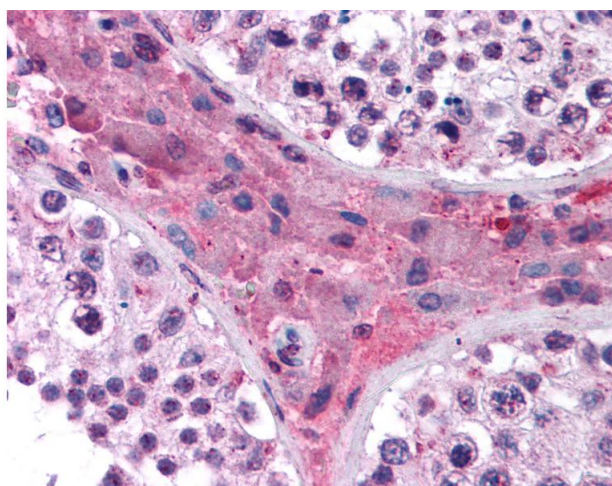
Handling

Format: Lyophilized

Handling

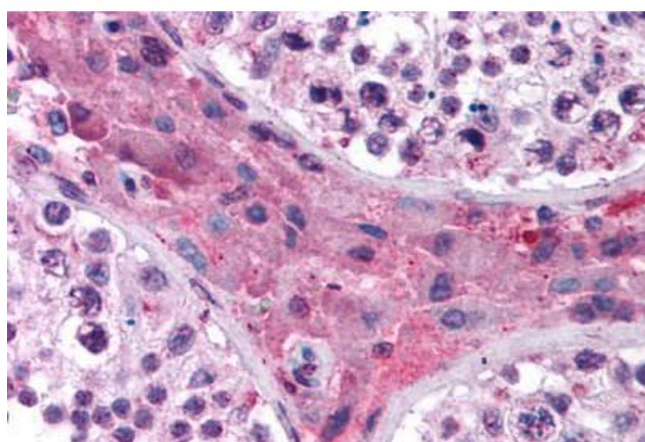
Reconstitution:	Reconstitute with 50 µL of distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-NR1H4 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Testis (formalin-fixed, paraffin-embedded) stained with NR1H4 antibody ABIN214795 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.