

Datasheet for ABIN462245
anti-NR1I3 antibody (AA 180-229)

3 Images

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Overview

Quantity:	50 µg
Target:	NR1I3
Binding Specificity:	AA 180-229
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Pig, Horse, Rabbit, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1I3 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 aa180-229 of human NR1I3 (Q6GZ85, NP_001070939).</p> <p>Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Medaka (100%), Zebrafish (85%), Hamster, Turkey, Zebra finch, Chicken, Platypus, Lizard, Stickleback (84%).</p> <p>Type of Immunogen: Synthetic peptide</p>
Isotype:	IgG
Specificity:	Human NR1I3

Product Details

Predicted Reactivity: Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Rabbit (100%) Bovine, Guinea pig (92%).

Purification: Immunoaffinity purified

Target Details

Target: NR1I3

Alternative Name: NR1I3 / CAR ([NR1I3 Products](#))

Background: Name/Gene ID: NR1I3
Subfamily: NR1 Thyroid hormone-like
Family: NHR

Synonyms: NR1I3, Car-beta, CAR1, Constitutive active receptor, Constitutive active response, Orphan nuclear receptor MB67, MB67, CAR

Gene ID: 9970

NCBI Accession: [NP_001070939](#)

UniProt: [Q14994](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

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. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

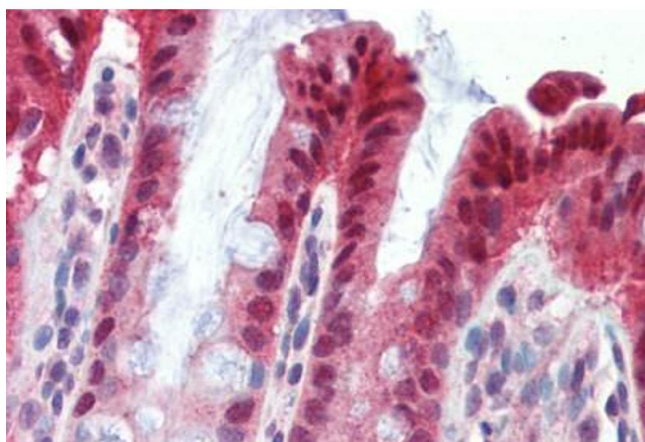
Handling Advice: Avoid repeat freeze-thaw cycles.

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)

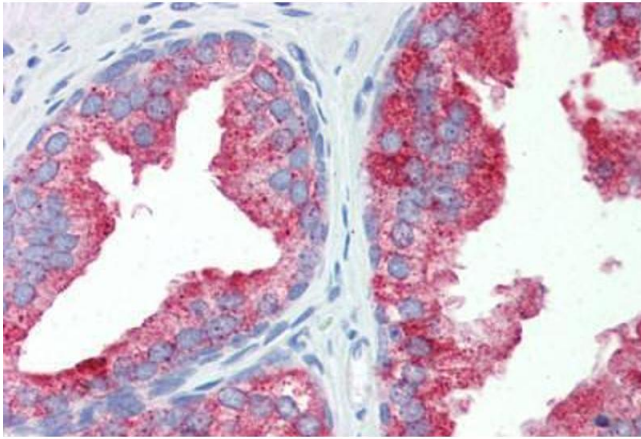
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



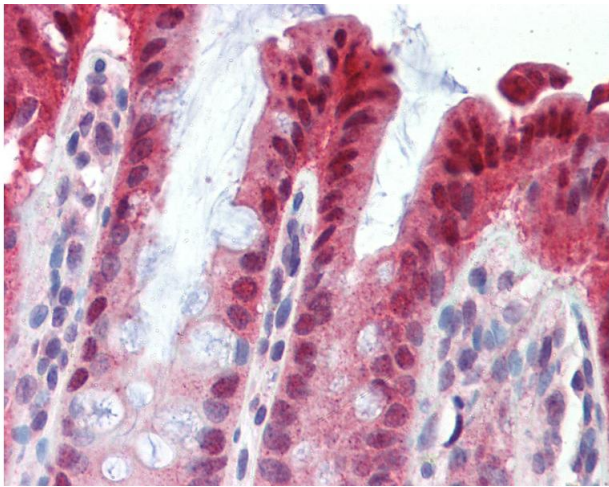
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon (formalin-fixed, paraffin-embedded) stained with NR1I3 antibody ABIN462245 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Prostate (formalin-fixed, paraffin-embedded) stained with NR1I3 antibody ABIN462245 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-NR1I3 antibody IHC of human colon. 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 form ...