

Datasheet for ABIN214775
anti-HNF4A antibody (N-Term)



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2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 50 µg |
| Target: | HNF4A |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Pig, Dog, Monkey, Horse, Rabbit, Sheep, Guinea Pig, Bat, Hamster, Chicken |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HNF4A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic peptide from N-Terminus of human HNF4A (P41235, NP_000448). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Mouse, Rat, Sheep, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Chicken, Platypus, Lizard (100%), Catfish, Stickleback, Zebrafish (92%), Xenopus (85%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human HNF4A / HNF4, immunogenic peptide sequence is present in isoforms 1, 2, 3, and 4. |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Rat, Sheep, Dog, Bovine, Rabbit, Horse, Pig, |

Product Details

Chicken (100%) Zebrafish (92%) Xenopus (85%).

Purification: Immunoaffinity purified

Target Details

Target: HNF4A

Alternative Name: HNF4A / HNF4 ([HNF4A Products](#))

Background: Name/Gene ID: HNF4A
Subfamily: NR2 Hepatocyte NF4-like
Family: NHR

Synonyms: HNF4A, Hepatic nuclear factor 4 alpha, HNF4, HNF4a8, NR2A21, TCF, TCF-14, TCF14, MODY1, Transcription factor 14, Transcription factor HNF-4, HNF-4-alpha, HNF4 alpha, HNF4a7, HNF4a9, HNF4alpha, HNF4alpha10/11/12, MODY, NR2A1

Gene ID: 3172

NCBI Accession: [NP_000448](#)

UniProt: [P41235](#)

Pathways: [AMPK Signaling](#), [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Cell-Cell Junction Organization](#), [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.

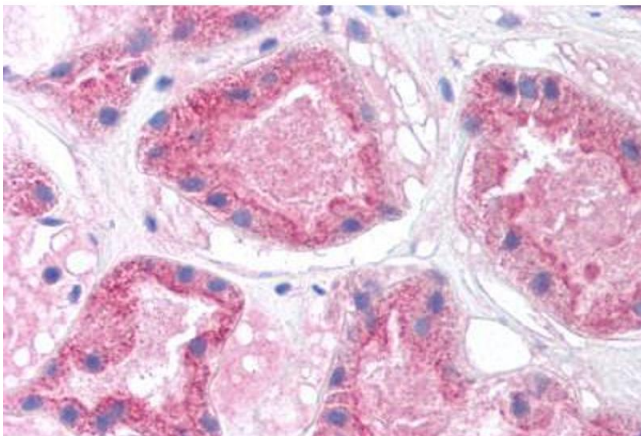
Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

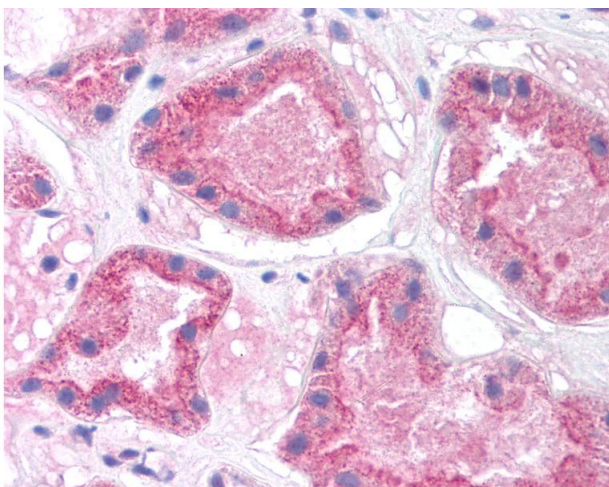
| | |
|------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Distilled water |
| Concentration: | Lot specific |
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Long term: -20°C, 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 Kidney (formalin-fixed, paraffin-embedded) stained with HNF4A antibody ABIN214775 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-HNF4A / HNF4 antibody IHC of human kidney. 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. Ot ...