

Datasheet for ABIN7439672  
**anti-HNF4A antibody (AA 131-330)**

## 2 Images

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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | HNF4A  |
| Binding Specificity: | AA 131-330   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This HNF4A antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Polyclonal Antibody to Hepatocyte Nuclear Factor 4 Alpha (HNF4a)   |
| Immunogen:        | Recombinant Hepatocyte Nuclear Factor 4 Alpha (HNF4a) corresponding to Gln131~Ser330 with N-terminal His Tag   |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against HNF4a. It has been selected for its ability to recognize HNF4a in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

## Target Details

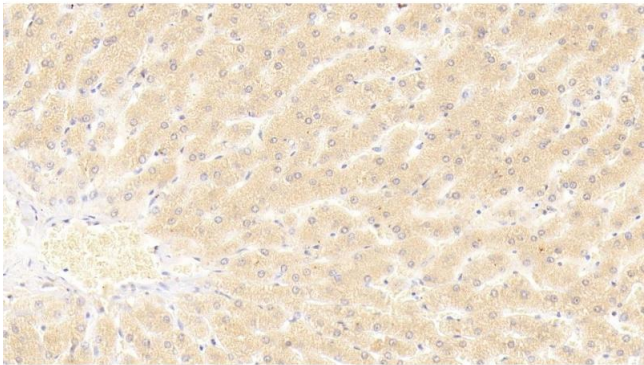
|                   |  |
|-------------------|--|
| Target:           | HNF4A  |
| Alternative Name: | Hepatocyte Nuclear Factor 4 Alpha ( <a href="#">HNF4A Products</a> )   |
| Background:       | HNF4, HNF4a7, HNF4a8, HNF4a9, MODY, MODY1, NR2A1, NR2A21, TCF, TCF14, Nuclear Receptor Subfamily 2,Group A,Member 1, Transcription factor 14   |
| Pathways:         | <a href="#">AMPK Signaling</a> , <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>Immunohistochemistry: 5-20 µg/mL<br>Immunocytochemistry: 5-20 µg/mL<br>Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

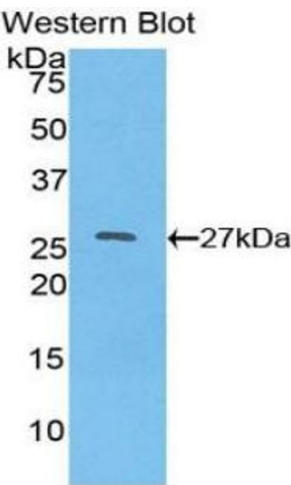
## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.   |
| 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:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months   |



Immunohistochemistry

**Image 1.** Detection of HNF4a in Human Liver Tissue using Polyclonal Antibody to Hepatocyte Nuclear Factor 4 Alpha (HNF4a)



Western Blotting

**Image 2.** Detection of Recombinant HNF4a, Human using Polyclonal Antibody to Hepatocyte Nuclear Factor 4 Alpha (HNF4a)