

Datasheet for ABIN389269
anti-HNF4A antibody (AA 281-312)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	HNF4A
Binding Specificity:	AA 281-312
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This HNF4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-312 amino acids from the Central region of human HNF4A.
Clone:	RB17745
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HNF4A
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Target Details

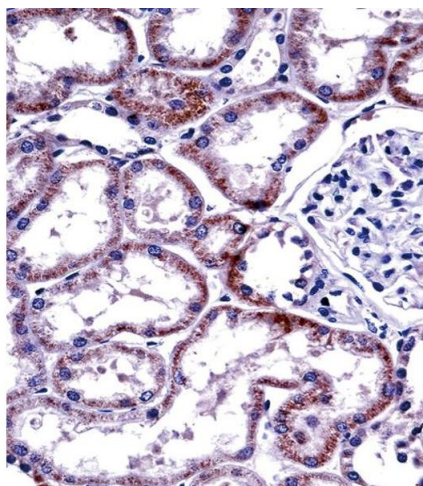
Alternative Name:	HNF4A (HNF4A Products)
Background:	HNF4A is a nuclear transcription factor which binds DNA as a homodimer. This protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This protein may play a role in development of the liver, kidney, and intestines. Mutations in HNF4A gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I.
Molecular Weight:	52785
Gene ID:	3172
NCBI Accession:	NP_000448 , NP_001025174 , NP_001025175 , NP_001245284 , NP_787110 , NP_849181
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:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

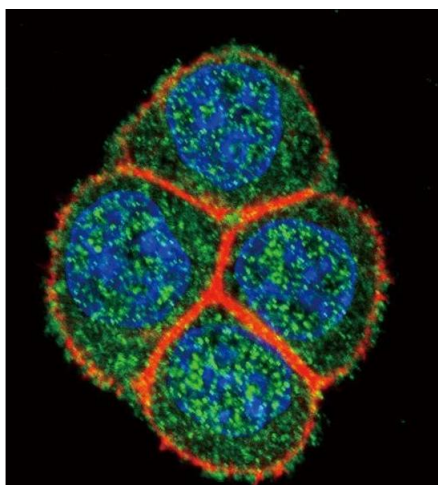
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



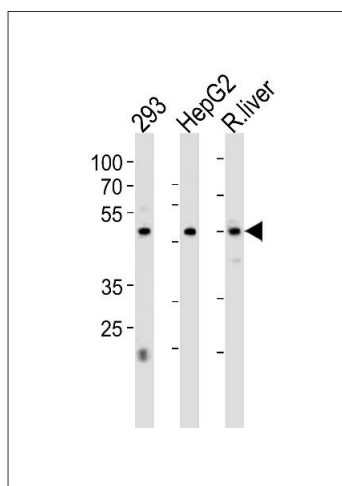
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HNF4A Antibody (Center) ((ABIN389269 and ABIN2839402))immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HNF4A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of HNF4A Antibody (Center) (ABIN389269 and ABIN2839402) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. HNF4A Antibody (Center) (ABIN389269 and ABIN2839402) western blot analysis in 293,HepG2 cell line and rat liver tissue lysates (35 µg/lane).This demonstrates the HNF4A antibody detected the HNF4A protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN389269.