

Datasheet for ABIN3031189
anti-HNF4A antibody (AA 281-312)[Go to Product page](#)

7 Images

Overview

Quantity:	0.4 mL
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), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 281-312 from the human protein was used as the immunogen for this HNF4A antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Purified

Target Details

Target:	HNF4A
Alternative Name:	HNF4A (HNF4A Products)

Target Details

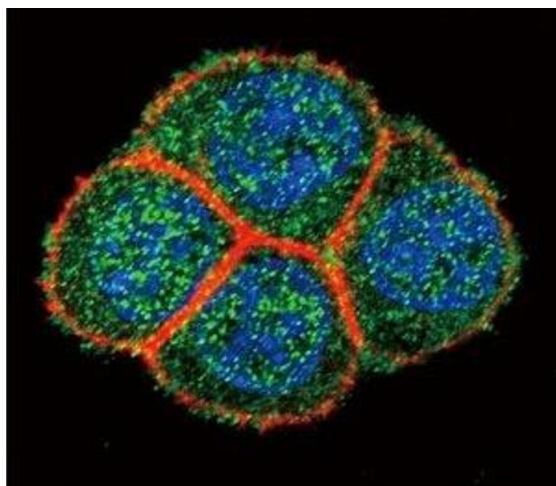
Background:	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine. [UniProt]
UniProt:	P41235
Pathways:	AMPK 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:	Titration of the HNF4A antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

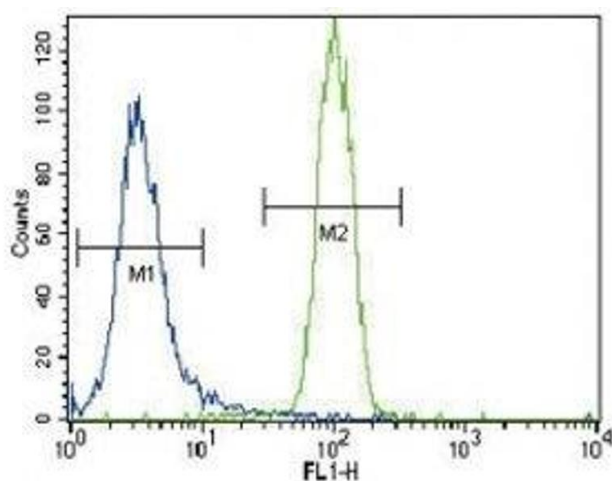
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the HNF4A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



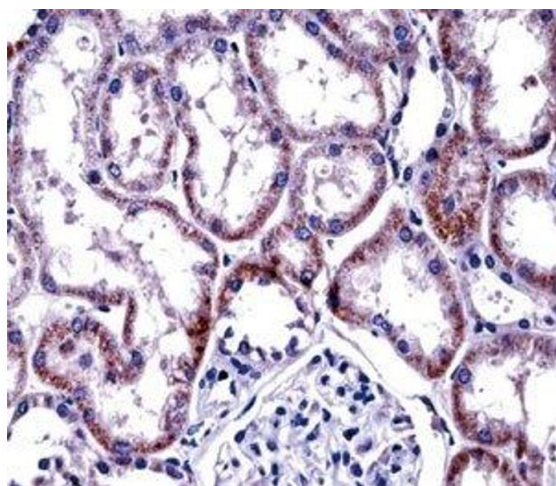
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of HNF4A antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (bl



Flow Cytometry

Image 2. HNF4A antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunohistochemistry

Image 3. HNF4A antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3031189.