

Datasheet for ABIN3031190
anti-HNF4A antibody (AA 107-139)



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3 Images

Overview

Quantity:	0.4 mL
Target:	HNF4A
Binding Specificity:	AA 107-139
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 107-139 from the human protein was used as the immunogen for this HNF4A antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Xenopus
Purification:	Purified

Target Details

Target:	HNF4A
Alternative Name:	HNF4A (HNF4A Products)
Background:	HNF4A is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein

Target Details

controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines.

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,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

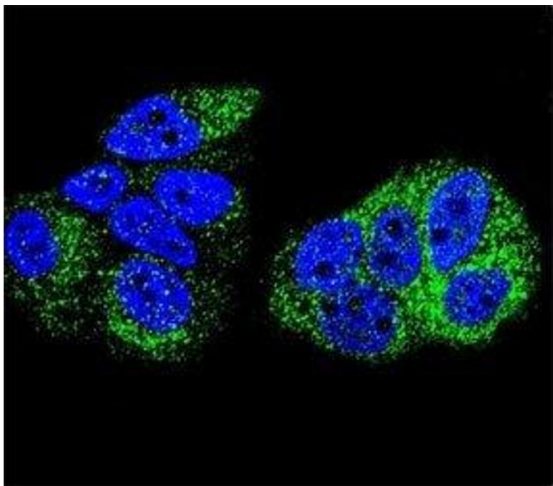
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

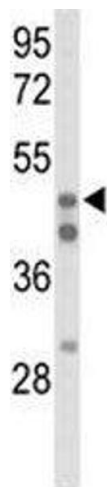
Storage: -20 °C

Storage Comment: Aliquot the HNF4A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



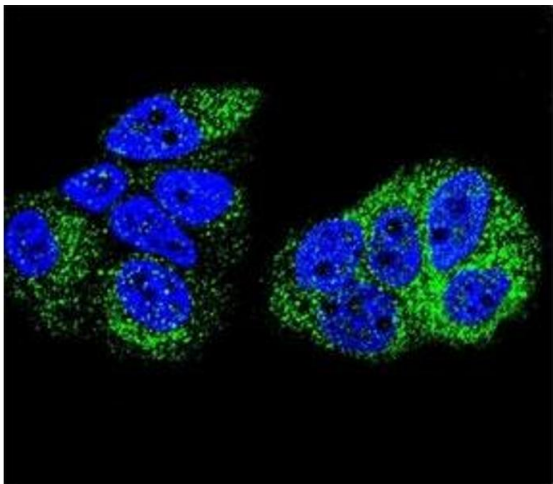
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of HNF4A antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Western Blotting

Image 2. Western blot analysis of HNF4A antibody and 293 lysate.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of HNF4A antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).