

Datasheet for ABIN653385
anti-HNF4A antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	HNF4A
Binding Specificity:	AA 107-139, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This HNF4A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-139 amino acids from the N-terminal region of human HNF4A.
Clone:	RB17744
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat, X
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

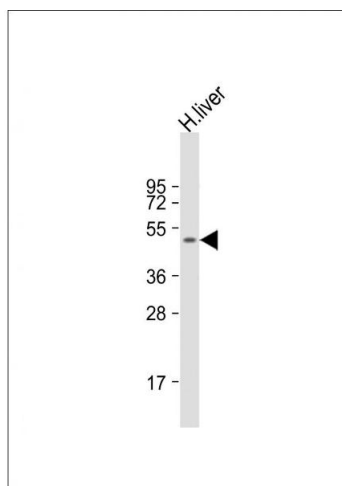
Alternative Name:	HNF4A (HNF4A Products)
Background:	HNF4A is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines.
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
Restrictions:	For Research Use only

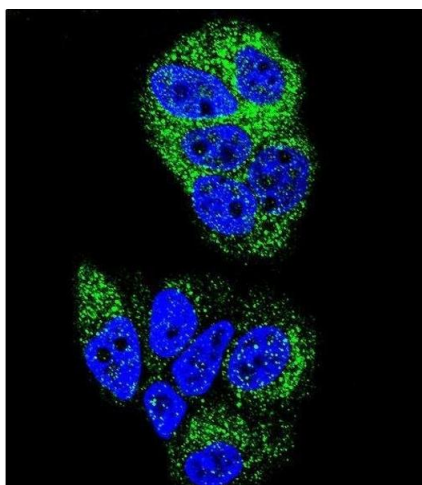
Handling

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



Western Blotting

Image 1. Anti-HNF4A Antibody (N-term) at 1:1000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of HNF4A Antibody (N-term) (ABIN653385 and ABIN2842849) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).