

Datasheet for ABIN6972170
anti-HNF4A antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	HNF4A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	This HNF4A antibody was raised against a peptide derived from the N-terminal region of human HNF4A.
Isotype:	IgG
Characteristics:	HNF4A (hepatocyte nuclear receptor 4A, NR2A1, TCF14) is an orphan nuclear receptor and activator of transcription. HNF4A is major regulator of the hepatocytic phenotype and regulates genes involved in the control of lipid homeostasis. Mutations in HNF4A can cause maturity onset diabetes of the young (MODY1). HNF4A binds DNA as a homodimer and is involved in the development of the liver, kidney and intestine. HNF4A antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunocytochemistry, Immunofluorescence and Western blot, it has been shown to react with Human samples.
Purification:	Affinity Purified

Target Details

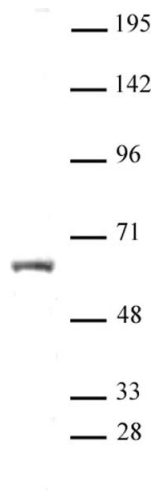
Target:	HNF4A
Alternative Name:	HNF4A (HNF4A Products)
Molecular Weight:	60 kDa
NCBI Accession:	NP_000448
Pathways:	AMPK Signaling , Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Carbohydrate Homeostasis , Cell-Cell Junction Organization , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

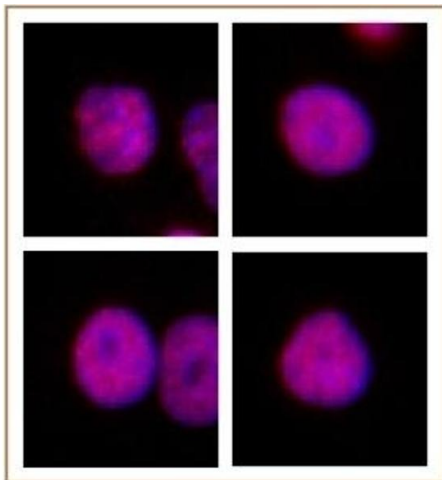
Handling

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % 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:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. HNF4A antibody (pAb) tested by Western blot. Whole cell extract (20 μ g) of Hep G2 cells probed with HNF4A antibody at a dilution of 1:500.



Immunofluorescence

Image 2. HNF4A antibody (pAb) tested by Immunofluorescence. Formaldehyde fixed HeLa cells stained with HNF4A antibody at a 1:2,000 dilution.