

HNF4A, Rabbit pAb

CATALOG #: 3119 -100

AMOUNT: 100 µg

LOT #: _____

HOST (ISOTYPE): Rabbit (Ig)

IMMUNOGEN: KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S142 of human HNF4A.

SPECIES REACTIVITY: Human

FORMULATION:
100 µg (0.25 mg/ml) purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

STORAGE CONDITIONS:
Maintain refrigerated at 2-8°C for up to 6 months or -20°C for long term storage.

BACKGROUND DESCRIPTION:
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 this protein have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I.

BACKGROUND REFERENCES:

1. Sugai, M., Pathol. Int. 58 (11), 681-686 (2008)
2. Lee, S.S., Hepatology 48 (2), 635-645 (2008)
3. Guo, H., Biochem. J. 394 (PT 2), 379-387 (2006)
4. Hong, Y.H., J. Biol. Chem. 278 (30), 27495-27501 (2003)

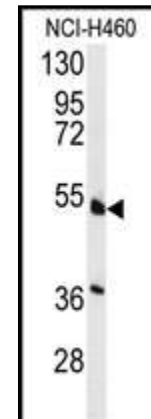
OTHER NAMES:
Hepatocyte nuclear factor 4-alpha; HNF-4-alpha; Transcription factor HNF-4; Nuclear receptor subfamily 2 group A member 1; Transcription factor 14; HNF4A; HNF4; NR2A1; TCF14

SPECIFICITY:
The antibody detects a ~ 53 kDa band, corresponding to the expected molecular mass of HNF4 on immunoblots.

APPLICATION (suggested concentration):
The antibody can be used for ELISA (0.25 µg/ml), Western blotting (2.5 – 5.0 µg/ml).

FOR RESEARCH USE ONLY! Not to be used on humans.

APPLICATION DATA (Calculated MW = 52785 Da):



Western blot analysis of anti-HNF4A antibody (Cat.#3119-100) in NCI-H460 cell line lysates (35ug/lane). HNF4A (arrow) was detected using the purified pAb.

RELATED PRODUCTS:

- Apoptosis Detection Kits & Reagents
- Annexin V Kits & Bulk Reagents
 - Caspase Assay Kits & Reagents
 - Mitochondrial Apoptosis Kits & Reagents
 - Nuclear Apoptosis Kits & Reagents
 - Apoptosis Inducers and Set
 - Apoptosis siRNA Vectors
- Cell Fractionation System
- Mitochondria/Cytosol Fractionation Kit
 - Nuclear/Cytosol Fractionation Kit
 - Membrane Protein Extraction Kit
 - Cytosol/Particulate Rapid Separation Kit
 - Mammalian Cell Extraction Kit
 - FractionPREP Fractionation System