

HNF4alpha /gamma Ab

Cat.#: AF0534
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 52kDa
Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

Reactivity: Human,Mouse,Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: HNF4alpha /gamma Ab detects endogenous levels of HNF4alpha /gamma.

Immunogen: A synthesized peptide derived from human HNF4alpha /gamma.

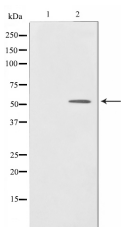
Uniprot: P41235/Q14541

Description: HNF4 alpha a nuclear transcription factor which binds DNA as a homodimer. Controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic gene, alpha 1-antitrypsin, apolipoprotein CIII, and transthyretin genes. May be essential for development of the liver, kidney and intestine. Mutations have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I.

Subcellular Location: Nucleus.

Similarity: Belongs to the nuclear hormone receptor family. NR2 subfamily.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on HepG2 cell lysate using HNF4alpha /gamma Ab, The lane on the left is treated with the antigen-specific peptide.



AF0534 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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