

## HNF4 alpha /gamma Ab

[Images\(1\)](#)

Cat.#: AF0534                      Concn.: ~1mg/ml                      Mol.Wt.: 52kDa  
Size:                                      Source: Rabbit                              Clonality: Polyclonal

Application:                      WB 1:500-1:2000, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human,Mouse,Rat

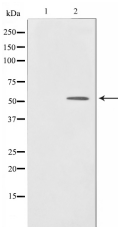
Storage:                              Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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

Immunogen:                      A synthesized peptide derived from human HNF4 alpha /gamma, corresponding to a region within the internal amino acids.

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.



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

**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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