

35-1042: Polyclonal Antibody to HNF4 Alpha (Phospho-Ser304)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	HNF4A
Gene ID :	3172
Uniprot ID :	P41235
Format :	Purified
Alternative Name :	HNF4, TCF, MODY, HNF4A
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 304 (L-R-S(p)-Q-V)derived from Human HNF4a.

Description

The protein encoded by this gene 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 a, 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. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 52kd, Western blotting: 1:1000

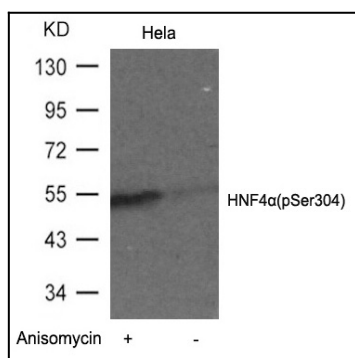


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with Anisomycin using HNF4a(Phospho-Ser304) Antibody 35-1042 .