

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	HNF4A
<b>Gene ID :</b>	3172
<b>Uniprot ID :</b>	P41235
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HNF4, TCF, MODY, HNF4A
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

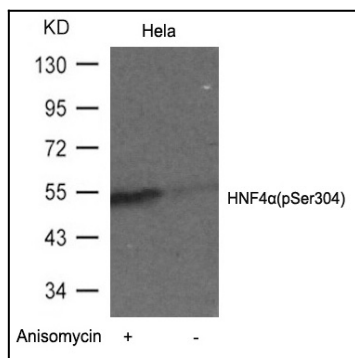


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with Anisomycin using HNF4a(Phospho-Ser304) Antibody 35-1042 .