

# HNF1 $\alpha$ Rabbit pAb

Catalog No.: A3092 **2 Publications**

## Basic Information

### Observed MW

81kDa

### Calculated MW

67kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

6927

### Swiss Prot

P20823

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-130 of human HNF1 $\alpha$  (NP\_000536.6).

### Synonyms

HNF1; LFB1; TCF1; HNF4A; MODY3; TCF-1; HNF-1A; IDDM20; HNF1alpha; HNF-1-alpha; HNF1 $\alpha$

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

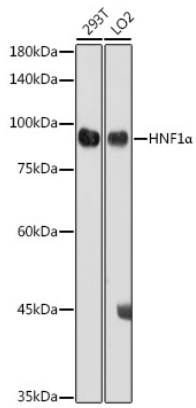
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using HNF1 $\alpha$  antibody (A3092) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.