

## HNF1A Antibody

Catalog No: #37049

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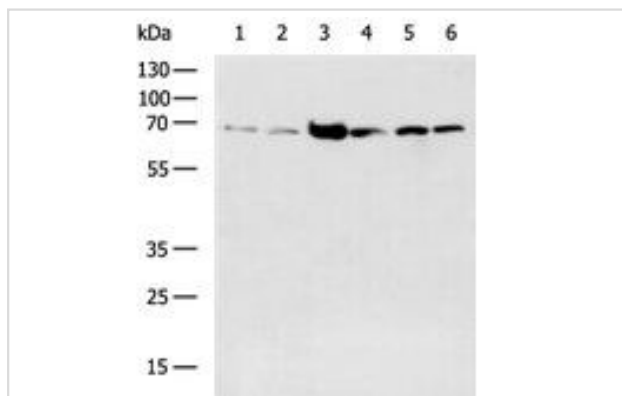
## Description

Product Name	HNF1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HNF1A protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human HNF1 homeobox A
Target Name	HNF1A
Other Names	HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20
Accession No.	Swiss-Prot#: P20823NCBI Gene ID: 6927Gene Accssion: NP_000536
Uniprot	P20823
GeneID	6927;
Calculated MW	67kd
SDS-PAGE MW	67kd-81kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g, Lane 1-6: CACO<sub>2</sub>, HepG<sub>2</sub>, Mouse liver tissue, 293T, HeLa, LO<sub>2</sub> cell lysates, Primary antibody: HNF1A Antibody at dilution 1/1000.

## 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'-GTAAATNATTAAC-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.

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Note: This product is for in vitro research use only