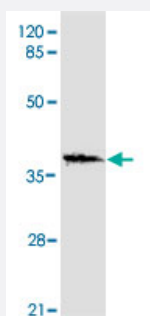


HNF1A monoclonal antibody

Catalog # MAB8728

Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of HNF1A monoclonal antibody (Cat # MAB8728) at 1 : 2000 dilution interacts with recombinant HNF1A protein with a DsbA tag. Predicted band size : 40 KDa. Observed band size : 40 KDa.

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant HNF1A.

Immunogen Recombinant protein corresponding to N-terminus residues of human HNF1A.

Host Mouse

Reactivity Human

Specificity This antibody is specific to HNF1A.

Form Liquid

Purification Protein G purification

Concentration 1 mg/mL

Recommend Usage Western Blot (1:100-1:2000)
ELISA (1:5000-1:20000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (0.02% sodium azide, 50% glycerol)

Storage Instruction

Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — HNF1A

Entrez GeneID[6927](#)**GeneBank Accession#**[NM_000545.5](#)**Gene Name**

HNF1A

Gene Alias

HNF1, LFB1, MODY3, TCF1

Gene Description

HNF1 homeobox A

Omim ID[125853](#) [142330](#) [142410](#) [222100](#) [600496](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 palindromic 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. [provided by RefSeq]

Other Designations

Interferon production regulator factor (HNF1)|albumin proximal factor|hepatic nuclear factor 1|maturity onset diabetes of the young 3|transcription factor 1, hepatic|transcription factor 1, hepatic; LFB1, hepatic nuclear factor (HNF1), albumin proximal f

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Ketoacidosis](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)

- [Glucose Intolerance](#)
- [Glycosuria](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Neutropenia](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Overweight](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Proteinuria](#)
- [Stroke](#)
- [Syndrome](#)