

HNF1A polyclonal antibody

Catalog # PAB7190

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of HNF1A.
Immunogen	A synthetic peptide corresponding to human HNF1A.
Sequence	C-DELPTKKGRRNRFK
Host	Goat
Theoretical MW (kDa)	67.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HNF1A

Entrez GeneID [6927](#)

Protein Accession# [NP_000536.3](#)

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 palin drome 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

Publication Reference

- [Genetic evidence that HNF-1alpha-dependent transcriptional control of HNF-4alpha is essential for human pancreatic beta cell function.](#)

Hansen SK, Parrizas M, Jensen ML, Pruhova S, Ek J, Boj SF, Johansen A, Maestro MA, Rivera F, Eiberg H, Andel M, Lebl J, Pedersen O, Ferrer J, Hansen T.

The Journal of Clinical Investigation 2002 Sep; 110(6):827.

Application: EMSA, Human, Mouse, Pancreatic

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](#)