

DNAXPAb

Hard-to-Find
Antibody

HNF4A DNAXPab

Catalog # H00003172-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HNF4A DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MRLSKTLVDMDMADYSAALDPAYTTLEFENVQVLTMGNDTSPSEGTLNAPNSLGVSAICAIG DRATGKHYGASSCDGCKGFFRRSVRKNHMYSCRFSRQCVDKDKRNQCRYCRLKKCFRAGMK KEAVQNERDRISTRSSYEDSSLPSINALLQAEVLSRQITSPVSGINGDIRAKKIASIADVCESMKEQ LLVLVEWAKYIPAFCELPDDQVALLRAHAGEHLLLGATKRSMVFKDVLLLGNDYVPRHCP ELAE MSRV SIRILDELVL PFQELQIDDNEYAYLKAIIFFDPDAKGLSDPGKIKRLRSQVQVSLEDYINDRQY DSGRFGELLLLLPTLQSIWQMEIQIFIKLFGMAKIDNLLQEMLLGGSPSDAPHAHHPLHPLMQ EHMGTVIVANTMPHLSNGQMSTPETPQPSPPGGSGSEPYKLLPGAVATVKPLSAIPQPTITKQ EVI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HNF4A

Entrez GeneID	3172
GeneBank Accession#	NM_178849.1
Protein Accession#	NP_849180.1
Gene Name	HNF4A
Gene Alias	FLJ39654, HNF4, HNF4a7, HNF4a8, HNF4a9, MODY, MODY1, NR2A1, NR2A21, TCF, TCF14
Gene Description	hepatocyte nuclear factor 4, alpha
Omim ID	125850 125853 600281
Gene Ontology	Hyperlink
Gene Summary	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 alpha, 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. [provided by RefSeq]
Other Designations	HNF4-alpha OTTHUMP00000031060 OTTHUMP00000031062 hepatic nuclear factor 4 alpha hepatocyte nuclear factor 4 alpha transcription factor-14

Pathway

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

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Birth Weight](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fetal Macrosomia](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hypoglycemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neutropenia](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Persistent Hyperinsulinemia Hypoglycemia of Infancy](#)
- [Prediabetic State](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)