

Rabbit HNF4A Antibody | anti-HNF4A antibody

HNF4A Antibody

CATALOG # AAA267210	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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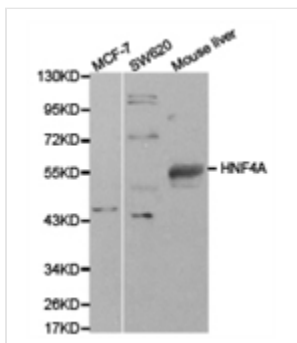
PRODUCT SYNONYMS

HNF4A; HNF4A Antibody; HNF4; HNF4a7; HNF4a8; HNF4a9; HNF4alpha; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14; anti-HNF4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	474
Applicable Applications for anti-HNF4A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HNF4A
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES



Application Data

Western blot analysis of extracts of various cell lines, using HNF4A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HNF4A antibody	Hepatocyte nuclear factor 4alpha (HNF4alpha) is a transcription factor that belongs to the steroid hormone receptor superfamily and is enriched in liver (1). HNF4alpha, in association with PGC-1alpha, activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers (2, 3). Conditional knockout of the HNF4alpha gene in the mouse liver destroys lipid homeostasis and leads to lipid accumulation in the liver and a reduction of serum cholesterol and triglyceride levels (4). Mutations in HNF4alpha have been linked to maturity-onset diabetes of the young (MODY) (5).
Product Categories/Family for anti-HNF4A antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

References	1. Sladek, F.M. et al. (1990) Genes Dev. 4, 2353-2365. 2. Yoon, J.C. et al. (2001) Nature 413, 131-138. 3. Rhee, J. et al. (2003) Proc. Natl. Acad. Sci. USA 100, 4012-4017. 4. Hayhurst, G.P. et al. (2001) Mol. Cell Biol. 21, 1393-1403. 5. Ellard, S. and Colclough, K. (2006) Hum. Mutat. 27, 854-869.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31077205
NCBI GeneID	3172
NCBI Accession #	NP_000448.3
NCBI GenBank Nucleotide #	NM_000457.4
UniProt Accession #	P41235; O00659; O00723; Q14540; Q5QPB8; Q6B4V5; Q6B4V6; Q6B4V7; Q92653; Q92654; A5JW41; B2RPP8
Molecular Weight	52kDa
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha 2
NCBI Official Synonym Full Names	hepatocyte nuclear factor 4 alpha
NCBI Official Symbol	HNF4A
NCBI Official Synonym Symbols	TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
NCBI Protein Information	hepatocyte nuclear factor 4-alpha
UniProt Protein Name	Hepatocyte nuclear factor 4-alpha
UniProt Gene Name	HNF4A
UniProt Synonym Gene Names	HNF4; NR2A1; TCF14; HNF-4-alpha; TCF-14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.