

Rabbit HNF4A Polyclonal Antibody | anti-HNF4A antibody

HNF4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307970	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

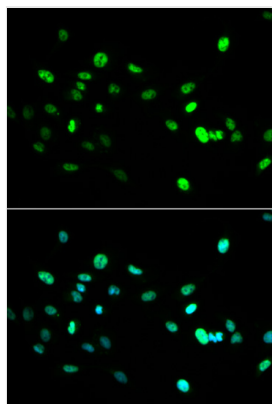
PRODUCT SYNONYMS

HNF4A; Polyclonal Antibody; HNF4A Antibody; HNF4; HNF4a7; HNF4a8; HNF4a9; anti-HNF4A antibody

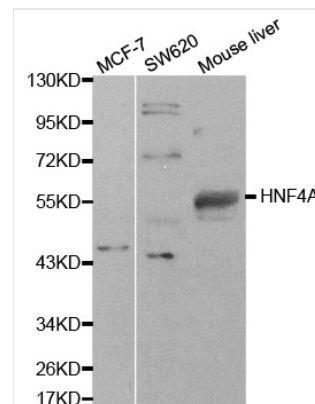
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HNF4A protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	474
Applicable Applications for anti-HNF4A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human HNF4A.
Target Name	HNF4A
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using HNF4A antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HNF4A antibody	Hepatocyte nuclear factor 4a (HNF4a) is a transcription factor that belongs to the steroid hormone receptor superfamily and is enriched in liver (1). HNF4a, in association with PGC-1a, activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers (2,3). Conditional knockout of the HNF4a 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 HNF4a have been linked to maturity-onset diabetes of the young (MODY) (5).
Product Categories/Family for anti-HNF4A antibody	Total protein Ab

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	43,988 Da
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha isoform HNF4alpha2
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
UniProt Entry Name	HNF4A_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnf4a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307970>