

Rabbit Hepatocyte nuclear factor 1-alpha Polyclonal Antibody | anti-HNF1A antibody

Anti-HNF1 Antibody

CATALOG # AAA46045	HOST Rabbit	REACTIVITY Human, Rat. No cross reactivity with other proteins.	APPLICATIONS Western Blot
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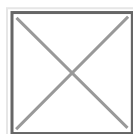
PRODUCT SYNONYMS

Hepatocyte nuclear factor 1-alpha; Polyclonal Antibody; Anti-HNF1 Antibody; Albumin proximal factor antibody; Hepatic nuclear factor 1 alpha antibody; Hepatic nuclear factor 1 antibody; Hepatic transcription factor 1 alpha antibody; Hepatic transcription factor 1 antibody; Hepatocyte nuclear factor 1-alpha antibody; HNF 1 antibody; HNF 1A antibody; HNF-1-alpha antibody; HNF-1A antibody; HNF1A antibody; HNF1A_HUMAN antibody; Interferon production regulator factor antibody; LF B1 antibody; LF B1 hepatic nuclear factor antibody; LFB 1 antibody; LFB1 antibody; LFB1 hepatic nuclear factor antibody; Liver specific transcription factor LF B1 antibody; Liver specific transcription factor LFB1 antibody; Liver-specific transcription factor LF-B1 antibody; Maturity onset diabetes of the young 3 antibody; MODY 3 antibody; MODY3 antibody; TCF 1 antibody; TCF-1 antibody; TCF1 antibody; Transcription factor 1 antibody; Transcription factor 1 hepatic antibody; HNF1 homeobox A; anti-HNF1A antibody

PRODUCT SPECIFICATIONS

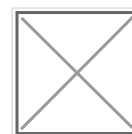
Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	631
Applicable Applications for anti-HNF1A antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HNF1 recombinant protein (Position: A431-Q631). Human HNF1 shares 93% and 92% amino acid (aa) sequences identity with mouse and rat HNF1, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti- HNF1 antibody, AAA46045, Western blottingAll lanes: Anti HNF1 (AAA46045) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: RH35 Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 67KDobserved bind size: 67KD



WB (Western Blot)

Anti- HNF1 antibody, AAA46045, Western blottingAll lanes: Anti HNF1 (AAA46045) at 0.5ug/mlWB: Recombinant Human HNF1 Protein 0.5ngPredicted bind size: 45KDObserved bind size: 45KD

ADDITIONAL INFORMATION

Related Product Information for anti-HNF1A antibody	Description: Rabbit IgG polyclonal antibody for Hepatocyte nuclear factor 1-alpha(HNF1A) detection. Tested with WB in Human;Rat. Background: HNF1 homeobox A (hepatocyte nuclear factor 1 homeobox A), also known as HNF1A or TCF1, is a human gene. It is mapped to chromosome 12q24.3. The protein encoded by this gene is a transcription factor that is highly expressed in the liver and is involved in the regulation of the expression of several liver-specific genes. HNF1A can function as a dimer. What's more, deletion of the HNF1A activation domains or interruption of the HNF1-binding sites in the LCT promoter resulted in complete loss of transcriptional activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	256542297
NCBI GeneID	6927
NCBI Accession #	NP_000536.5
NCBI GenBank Nucleotide #	NM_000545.5
UniProt Accession #	P20823; Q2M3H2; Q99861; A5Z2R8; E0YMJ5; E0YMK0; E0YMK1; E2I9R4; E2I9R5; F5H5U3
Molecular Weight	12,491 Da
NCBI Official Full Name	hepatocyte nuclear factor 1-alpha
NCBI Official Synonym Full Names	HNF1 homeobox A
NCBI Official Symbol	HNF1A
NCBI Official Synonym Symbols	HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20
NCBI Protein Information	hepatocyte nuclear factor 1-alpha; HNF-1-alpha; albumin proximal factor; hepatic nuclear factor 1; transcription factor 1, hepatic; interferon production regulator factor; liver-specific transcription factor LF-B1
UniProt Protein Name	Hepatocyte nuclear factor 1-alpha
UniProt Gene Name	HNF1A
UniProt Synonym Gene Names	TCF1; HNF-1-alpha; HNF-1A; LFB1; TCF-1
UniProt Entry Name	HNF1A_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/hepatocyte-nuclear-factor-1-alpha-antibody-western-blot-elisa/46045>