

Rabbit HNF1A Polyclonal Antibody | anti-HNF1A antibody

Phospho-HNF1A (Ser247) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328247	Rabbit	Human, Mouse, RatPredicted: Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

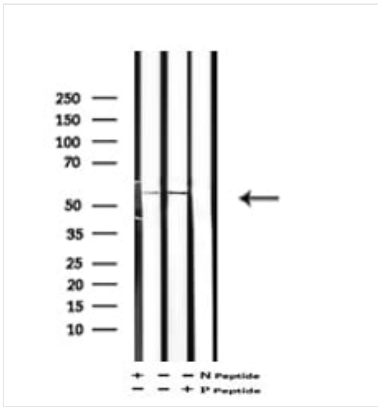
PRODUCT SYNONYMS

HNF1A; Polyclonal Antibody; Phospho-HNF1A (Ser247) Antibody; Albumin proximal factor; Hepatic nuclear factor 1 alpha; Hepatic nuclear factor 1; Hepatic transcription factor 1 alpha; Hepatic transcription factor 1; Hepatocyte nuclear factor 1-alpha; HNF 1; HNF 1A; HNF-1-alpha; HNF-1A; hnf1a; HNF1A_HUMAN; Interferon production regulator factor; LF B1; LF B1 hepatic nuclear factor; LFB 1; LFB1; LFB1 hepatic nuclear factor; Liver specific transcription factor LF B1; Liver specific transcription factor LFB1; Liver-specific transcription factor LF-B1; Maturity onset diabetes of the young 3; MODY 3; MODY3; TCF 1; TCF-1; TCF1; Transcription factor 1; Transcription factor 1 hepatic; anti-HNF1A antibody

PRODUCT SPECIFICATIONS

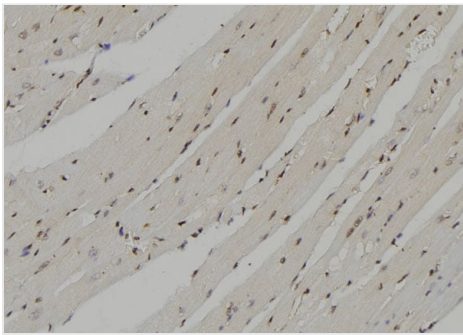
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-HNF1A(Ser247) Antibody detects endogenous levels of HNF1A only when phosphorylated at Ser247.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	631
Applicable Applications for anti-HNF1A antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HNF1A around the phosphorylation site of Ser247.
Tissue Specificity	Liver.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



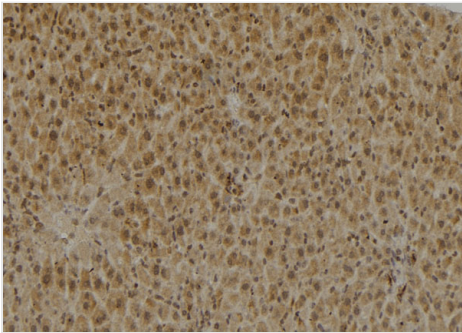
WB (Western Blot)

Western blot analysis of Phospho-HNF1A(Ser247) in lysates of HepG2?, using Phospho-HNF1A(Ser247) Antibody.



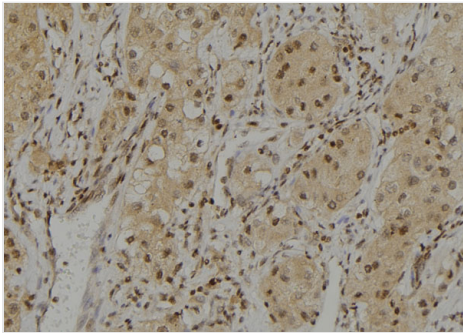
IHC (Immunohistochemistry)

At 1/100 staining mouse heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-HNF1A antibody	Description: Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver. Required for the expression of several liver specific genes. Binds to the inverted palindrome 5'-GTTAATNATTAAC-3'.
	Subunit Structure: Binds DNA as a dimer. Interacts with PCBD1. Heterotetramer with PCBD1; formed by a dimer of dimers.
	Similarity: Belongs to the HNF1 homeobox family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256542297
NCBI GeneID	6927
NCBI Accession #	NP_000536.5
NCBI GenBank Nucleotide #	NP_000536.5
UniProt Accession #	P20823
Molecular Weight	Observed: 56 kDa Predicted: 68 kDa
NCBI Official Full Name	hepatocyte nuclear factor 1-alpha isoform 2

NCBI Official Synonym Full Names	HNF1 homeobox A
NCBI Official Symbol	HNF1A
NCBI Official Synonym Symbols	HNF1; LFB1; TCF1; HNF4A; MODY3; TCF-1; HNF-1A; IDDM20
NCBI Protein Information	hepatocyte nuclear factor 1-alpha
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/hnf1a-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328247>