

DATASHEET

HNF1 alpha Rabbit Polyclonal Antibody

CAT. NO. APA15836

KEY FEATURES

Target	HNF1 alpha	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver. Binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Activates the transcription of CYP1A2, CYP2E1 and CYP3A11.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

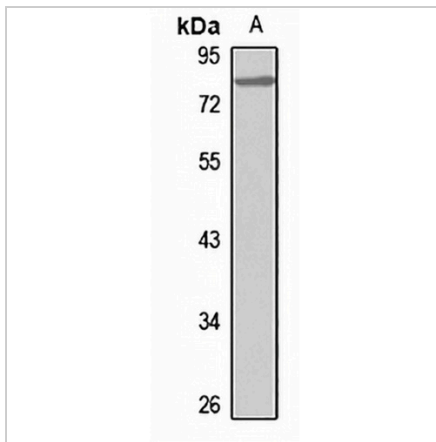
Description	Rabbit polyclonal antibody to HNF1 alpha
Specificity	Recognizes endogenous levels of HNF1 alpha protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human HNF1 alpha. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 12; Observed: 81 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TCF1; Hepatocyte nuclear factor 1-alpha; HNF-1-alpha; HNF-1A; Liver-specific transcription factor LF-B1; LFB1; Transcription factor 1; TCF-1
Gene Symbol	HNF1A
Entrez Gene	6927(Human); 21405(Mouse); 24817(Rat)
SwissProt	P20823(Human); P22361(Mouse); P15257(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of HNF1 alpha expression in mouse liver (A) whole cell lysates.
(Predicted band size: 12; 27; 30; 43; 55-70 kD; Observed band size: 81 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.