

ARG55328 anti-HNF4A antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HNF4A
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HNF4A
Antigen Species	Human
Immunogen	Synthetic peptide of Human HNF4A
Conjugation	Un-conjugated
Alternate Names	Transcription factor HNF-4; HNF4a9; HNF4a8; Transcription factor 14; MODY; HNF4a7; HNF4alpha; TCF-14; TCF14; Nuclear receptor subfamily 2 group A member 1; MODY1; NR2A21; Hepatocyte nuclear factor 4-alpha; TCF; NR2A1; HNF4; FRTS4; HNF-4-alpha

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	52 kDa	

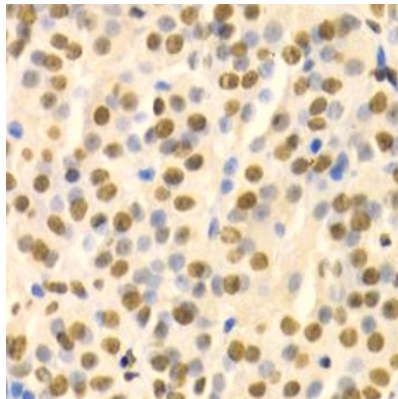
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

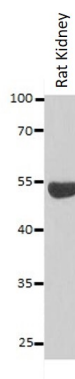
Gene Symbol	HNF4A
Gene Full Name	hepatocyte nuclear factor 4, alpha
Background	The protein encoded by this gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non-insulin-dependent diabetes mellitus type I. Alternative splicing of this gene results in multiple transcript variants encoding several different isoforms. [provided by RefSeq, Apr 2012]
Function	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine. [UniProt]
Highlight	Related products: HNF4A antibodies ; Anti-Rabbit IgG secondary antibodies ; Related news: Switching identity, the potential of regenerative medicine?
Resrarch Area	Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody

Images



ARG55328 anti-HNF4A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat pancreas stained with ARG55328 anti-HNF4A antibody at 1:100 dilution.



ARG55328 anti-HNF4A antibody WB image

Western blot: Rat kidney lysate stained with ARG55328 anti-HNF4A antibody.