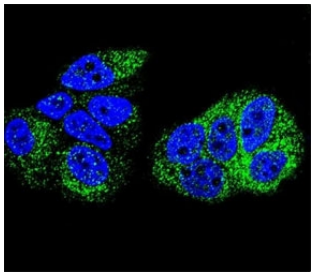
HNF4A Antibody (F51718)

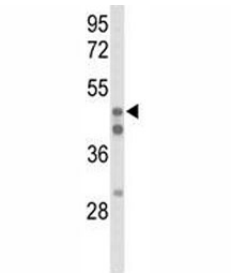
Catalog No.	Formulation	Size
F51718-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51718-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Xenopus
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P41235
Localization	Predominantly nuclear, present in cytoplasm in cells with high HNF4A expression
Applications	Western blot: 1:1000 Immunofluorescence: 1:10-1:50
Limitations	This HNF4A antibody is available for research use only.



Confocal immunofluorescent analysis of HNF4A antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Western blot analysis of HNF4A antibody and 293 lysate. Predicted molecular weight ~50 kDa.

Description

HNF4A 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.

Application Notes

Titration of the HNF4A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 107-139 from the human protein was used as the immunogen for this HNF4A antibody.

Storage

Aliquot the HNF4A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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