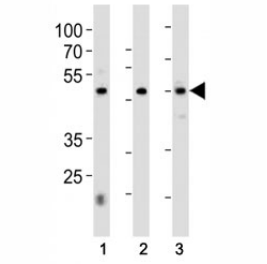
# HNF4A Antibody (F48198)

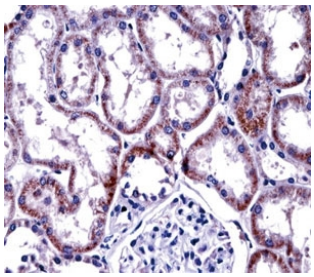
| Catalog No. | Formulation | Size |
|---|---|---|
| F48198-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F48198-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

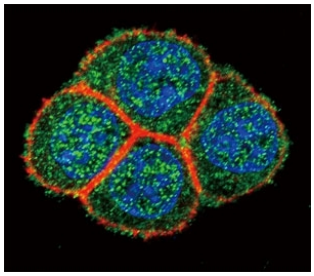
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Rat |
| **Predicted Reactivity** | Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | P41235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



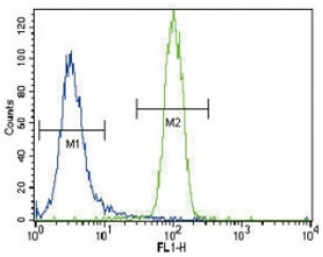

HNF4A antibody western blot analysis in 1) 293, 2) HepG2 cell line and 3) rat liver tissue lysate. Predicted molecular weight ~50 kDa.



HNF4A antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue.



Confocal immunofluorescent analysis of HNF4A antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).




HNF4A antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

## Description

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]

## 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 281-312 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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