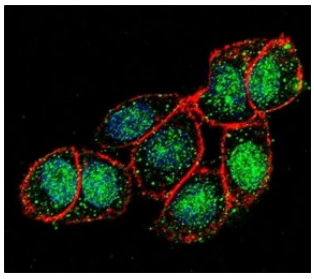
FOXA2 Antibody (F41870)

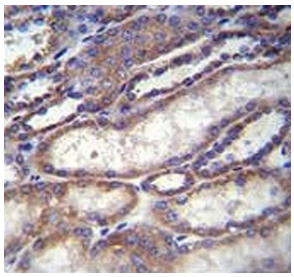
Catalog No.	Formulation	Size
F41870-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41870-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

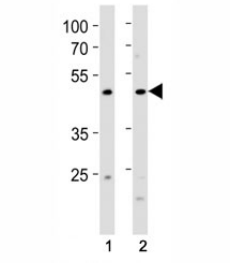
Availability	1-3 business days
Species Reactivity	Human, Rat
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y261
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This FOXA2 antibody is available for research use only.



Confocal immunofluorescent analysis of FOXA2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



FOXA2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue.



FOXA2 antibody western blot analysis in (1) human MCF-7 cell line and (2) rat stomach tissue lysate. Predicted molecular weight: 50 kDa.

Description

FOXA2 is a transcription factor that is involved in embryonic development, establishment of tissue-specific gene expression and regulation of gene expression in differentiated tissues. Is thought to act as a 'pioneer' factor opening the compacted chromatin for other proteins through interactions with nucleosomal core histones and thereby replacing linker histones at target enhancer and/or promoter sites. [UniProt]

Application Notes

Titration of the FOXA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 380-407 from the human protein was used as the immunogen for this FOXA2 antibody.

Storage

Aliquot the FOXA2 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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