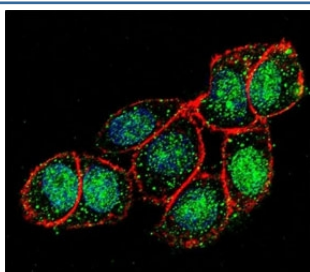


## FOXA2 Antibody (F41870)

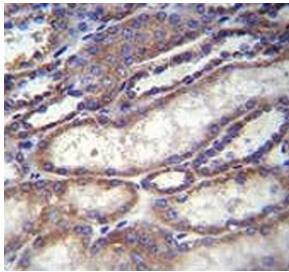
Catalog No.	Formulation	Size
F41870-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41870-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

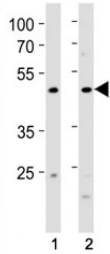
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Predicted Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9Y261
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	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.