

Datasheet for ABIN3030983  
**anti-FOXA2 antibody (AA 380-407)**[Go to Product page](#)

## 5 Images

## Overview

Quantity:	0.4 mL
Target:	FOXA2
Binding Specificity:	AA 380-407
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	A portion of amino acids 380-407 from the human protein was used as the immunogen for this FOXA2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified

## Target Details

Target:	FOXA2
Alternative Name:	FOXA2 ( <a href="#">FOXA2 Products</a> )
Background:	FOXA2 is a transcription factor that is involved in embryonic development, establishment of

## Target Details

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]

UniProt: [Q9Y261](#)

Pathways: [Dopaminergic Neurogenesis, Regulation of Carbohydrate Metabolic Process](#)

## Application Details

Application Notes: Titration of the FOXA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

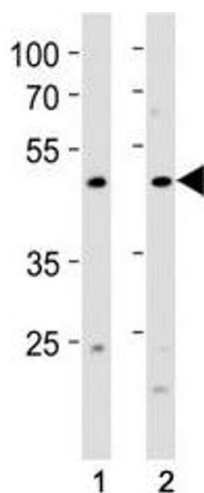
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

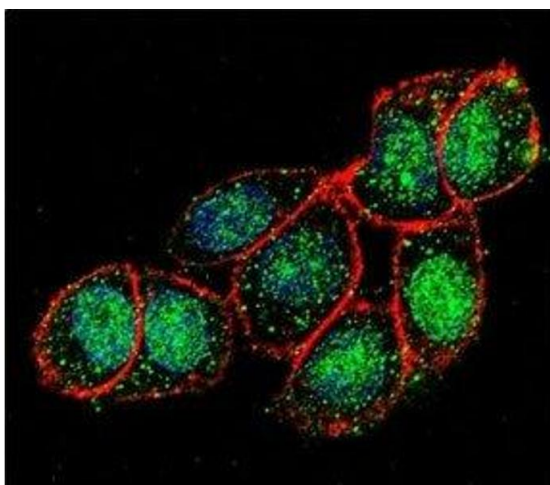
Storage: -20 °C

Storage Comment: Aliquot the FOXA2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



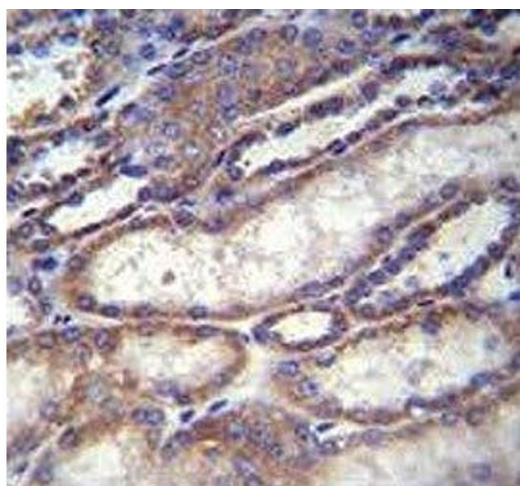
#### Western Blotting

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



#### Immunofluorescence

**Image 2.** 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 (bl



#### Immunohistochemistry

**Image 3.** FOXA2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030983.