

## ARG44240 anti-FOXA2 / HNF3B antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FOXA2 / HNF3B
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXA2 / HNF3B
Species	Human
Immunogen	Human FOXA2 / HNF3B recombinant protein (a.a: 139-446)
Conjugation	Un-conjugated
Alternate Names	TCF3B; Hepatocyte nuclear factor 3-beta; Forkhead box protein A2; TCF-3B; HNF-3B; HNF3B; Transcription factor 3B; HNF-3-beta

### Application Instructions

Application table	Application	Dilution
	FACS	2 - 5 µg / ml
	ICC/IF	1 - 3 µg / 10 <sup>6</sup> cells
	IHC-P	5 µg / ml
	WB	0.25 - 0.5 µg / ml

**Application Note** The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

### Background

This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]

### Research Area

Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody; Metabolism antibody

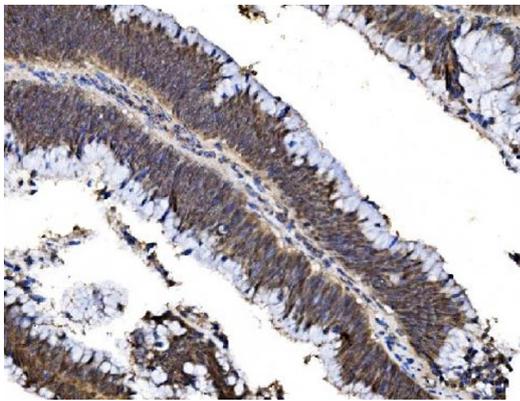
### Calculated Mw

48 kDa

### PTM

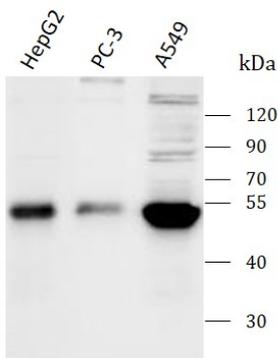
Phosphorylation on Thr-156 abolishes binding to target promoters and subsequent transcription activation upon insulin stimulation.

## Images



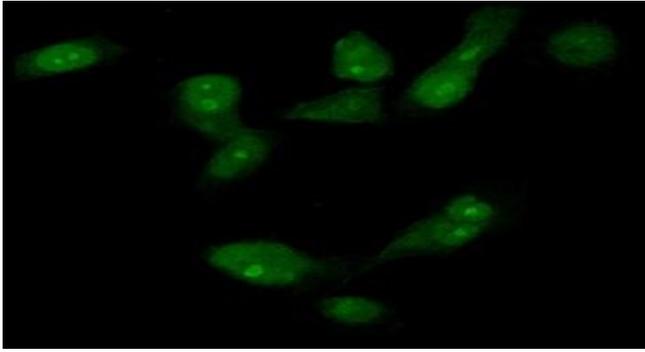
ARG44240 anti-FOXA2 / HNF3B antibody IHC-P image

Immunohistochemistry: Human colonic adenocarcinoma stained with ARG44240 anti-FOXA2 / HNF3B antibody at 2  $\mu$ g / ml dilution.



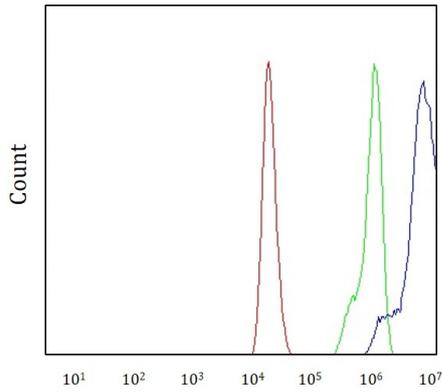
ARG44240 anti-FOXA2 / HNF3B antibody WB image

Western blot: HepG2, PC-3 and A549 stained with ARG44240 anti-FOXA2 / HNF3B antibody at 0.5  $\mu$ g / ml dilution.



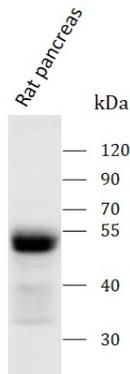
ARG44240 anti-FOXA2 / HNF3B antibody ICC/IF image

Immunofluorescence: PC-3 stained with ARG44240 anti-FOXA2 / HNF3B antibody at 5  $\mu\text{g}$  / ml dilution.



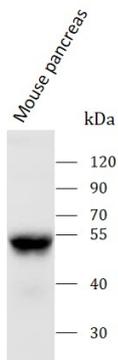
ARG44240 anti-FOXA2 / HNF3B antibody FACS image

Flow Cytometry: 293T stained with ARG44240 anti-FOXA2 / HNF3B antibody at 1  $\mu\text{g}$  /  $10^6$  cells dilution.



ARG44240 anti-FOXA2 / HNF3B antibody WB image

Western blot: Rat pancreas stained with ARG44240 anti-FOXA2 / HNF3B antibody at 0.5  $\mu\text{g}$  / ml dilution.



ARG44240 anti-FOXA2 / HNF3B antibody WB image

Western blot: Mouse pancreas stained with ARG44240 anti-FOXA2 / HNF3B antibody at 0.5  $\mu\text{g}$  / ml dilution.