

ARG63339 anti-FOXA2 / HNF3B antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FOXA2 / HNF3B
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FOXA2 / HNF3B
Species	Human
Immunogen	C-GVYSRPIMNSS
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
	IHC-P	4 - 8 µg/ml
	WB	1 - 3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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

Database links

[GeneID: 25099 Rat](#)

[GeneID: 3170 Human](#)

[Swiss-port # P32182 Rat](#)

[Swiss-port # Q9Y261 Human](#)

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

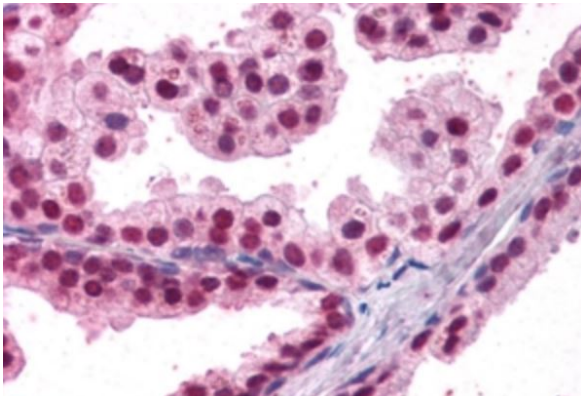
Calculated Mw

48 kDa

PTM

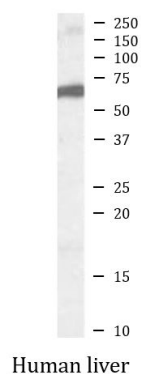
Phosphorylation on Thr-156 abolishes binding to target promoters and subsequent transcription activation upon insulin stimulation.

Images



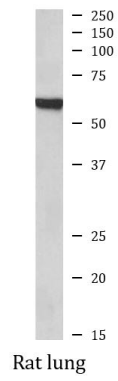
ARG63339 anti-FOXA2 / HNF3B antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63339 anti-FOXA2 / HNF3B antibody at 3.8 µg/ml dilution.



ARG63339 anti-FOXA2 / HNF3B antibody WB image

Western blot: 35 µg of Human liver lysate (in RIPA buffer) stained with ARG63339 anti-FOXA2 / HNF3B antibody at 1 µg/ml dilution and incubated at RT for 1 hour.



ARG63339 anti-FOXA2 / HNF3B antibody WB image

Western blot: 35 µg of Rat lung lysate (in RIPA buffer) stained with ARG63339 anti-FOXA2 / HNF3B antibody at 1 µg/ml dilution and incubated at RT for 1 hour.