

Datasheet for ABIN185022

anti-FOXA2 antibody (C-Term)

4 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	FOXA2
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FOXA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FOXA2 / HNF3B
Immunogen:	Peptide with sequence C-GVYSRPIMNSS, from the C Terminus of the protein sequence according to NP_068556.2, NP_710141.1.
Sequence:	GVYSRPIMNS S
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms: NP_068556.2, NP_710141.1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FOXA2
Alternative Name:	FOXA2 (FOXA2 Products)
Background:	FOXA2, HNF3B, forkhead box A2, TCF3B, MGC19807, hepatic nuclear factor-3-beta, hepatocyte nuclear factor 3, beta
Gene ID:	3170, 15376, 25099
NCBI Accession:	NP_068556 , NP_710141
Pathways:	Dopaminergic Neurogenesis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining in the secretory cells of the gland. Recommended concentration: 4-8 µg/mL.</p> <p>Western Blot: Approx 60 kDa band observed in Human Liver and Rat Lung lysates (calculated MW of 48.3 kDa according to Human NP_710141.1 and 48.5 kDa according to Rat NP_036875.1). The observed molecular weight corresponds to earlier findings in literature (</p> <p>Peptide ELISA: antibody detection limit dilution 1:4000.</p>
Restrictions:	For Research Use only

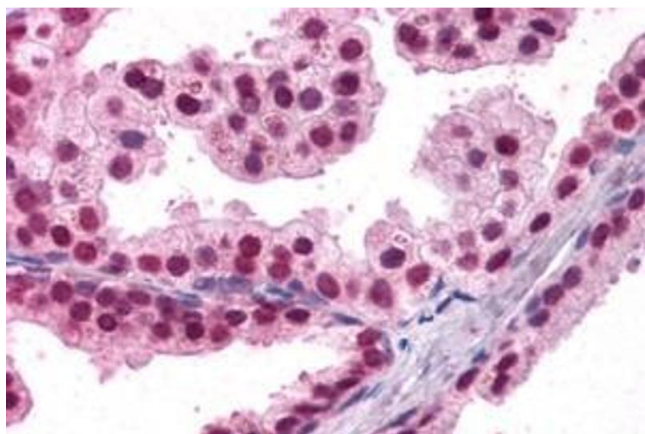
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

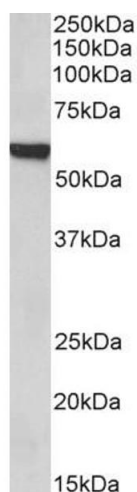
Product cited in: Nakamura, Moore, Negishi, Sueyoshi: "Nuclear pregnane X receptor cross-talk with FoxA2 to mediate drug-induced regulation of lipid metabolism in fasting mouse liver." in: **The Journal of biological chemistry**, Vol. 282, Issue 13, pp. 9768-76, (2007) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN185022 (3.8µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185022 (1µg/ml) staining of Rat Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence



Western Blotting

Image 3. ABIN185022 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185022.