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Datasheet for ABIN2854707 anti-FOXA1 antibody (C-Term)

6 Images



Overview

Quantity:	100 µL
Target:	FOXA1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), Immunocytochemistry (ICC), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FOXA1. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Swamp Eel
Characteristics:	Rabbit Polyclonal antibody to FOXA1 (forkhead box A1) FOXA1 antibody
Purification:	Purified by antigen-affinity chromatography.

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Target Details

Target:	FOXA1
Alternative Name:	forkhead box A1 (FOXA1 Products)
Background:	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts 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.
	Cellular Localization: Nucleus

Molecular Weight:	49 kDa
Gene ID:	3169
UniProt:	P55317
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Carbohydrate Homeostasis

Application Details

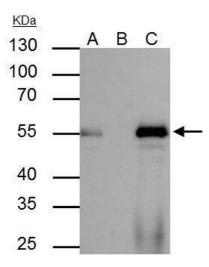
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal
	dilutions/concentrations should be determined by the researcher. Not tested in other
	applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

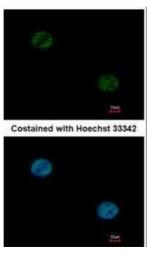
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

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Images



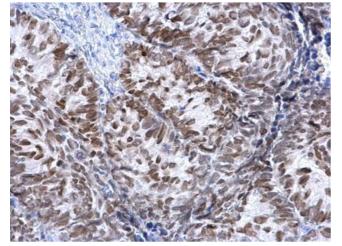


Immunoprecipitation

Image 1. IP Image FOXA1 antibody immunoprecipitates FOXA1 protein in IP experiments. IP Sample: HepG2 whole cell lysate/extract A : 40 μ g whole cell lysate/extract of FOXA1 protein expressing HepG2 cells B : Control with 2.5 μ g of pre-immune rabbit IgG C : Immunoprecipitation of FOXA1 by 2.5 μ g of FOXA1 antibody , 10% SDS-PAGE The immunoprecipitated FOXA1 protein was detected by FOXA1 antibody , diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.

Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using FOXA1, antibody at 1:1000 dilution.



Immunohistochemistry

Image 3. IHC-P Image FOXA1 antibody detects FOXA1 protein at nucleus on human cervical carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human cervical carcinoma. FOXA1 antibody, dilution: 1:500.

Please check the product details page for more images. Overall 6 images are available for ABIN2854707.

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