

FOXA1 antibody

Cat. No. GTX100308

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ChIP assay, ChIP-seq
Reactivity	Monopterus albus, Human

References (11)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent
ChIP-seq	Assay dependent

Not tested in other applications.

Calculated MW 49 kDa. ([Note](#))

Product Note KO/KD validation is based on published data (PMID: 35331302).

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.44 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FOXA1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.

For full product information, images and publications, please visit our [website](#).

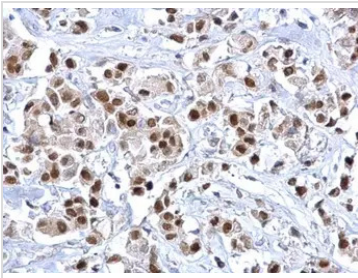
Conjugation

Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

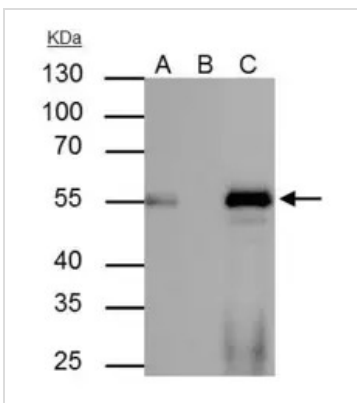
DATA IMAGES

GTx100308 IHC-P Image

FOXA1 antibody detects FOXA1 protein at nucleus on human breast carcinoma by immunohistochemical analysis.

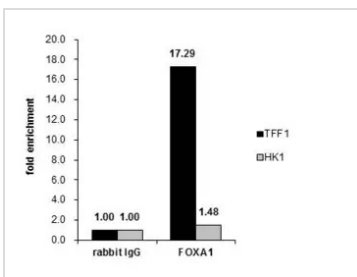
Sample: Paraffin-embedded human breast carcinoma.

FOXA1 antibody (GTx100308) dilution: 1:500.

Antigen Retrieval: TrilogTM (EDTA based, pH 8.0) buffer, 15min


GTx100308 IP Image

FOXA1 antibody immunoprecipitates FOXA1 protein in IP experiments. IP Sample: HepG2 whole cell lysate/extract A : 40 µg whole cell lysate/extract of FOXA1 protein expressing HepG2 cells B : Control with 2.5 µg of pre-immune rabbit IgG C : Immunoprecipitation of FOXA1 by 2.5 µg of FOXA1 antibody (GTx100308) 10% SDS-PAGE The immunoprecipitated FOXA1 protein was detected by FOXA1 antibody (GTx100308) diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) (GTx221666-01) was used as a secondary reagent.


GTx100308 ChIP assay Image

Cross-linked ChIP was performed with MCF-7 chromatin extract and 5 µg of either control rabbit IgG or anti-FOXA1 antibody. The precipitated DNA was detected by PCR with primer set targeting to TFF1 or HK1. ChIP experiment and primer designs are based on [Proc Natl Acad Sci U S A. 2005 Aug 16;102\(33\):11651-6.](https://doi.org/10.1073/pnas.0506116102)



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