

FOXC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001444.2

Catalog No. A303-520A-T

GeneID 2296

Lot No. A303-520A-T-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 10 µl

CONCENTRATION 200 µg/ml

STORAGE/SHELF LIFE 2 – 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to FOXC1 immobilized on solid support.

The epitope recognized by A303-520A-T maps to a region between residue 375 and 425 of human Forkhead Box C1 using the numbering given in entry NP_001444.2 (GeneID 2296).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

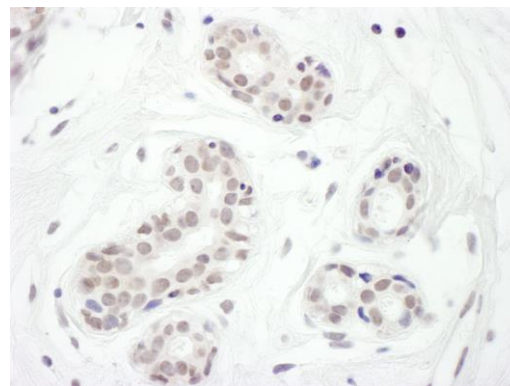
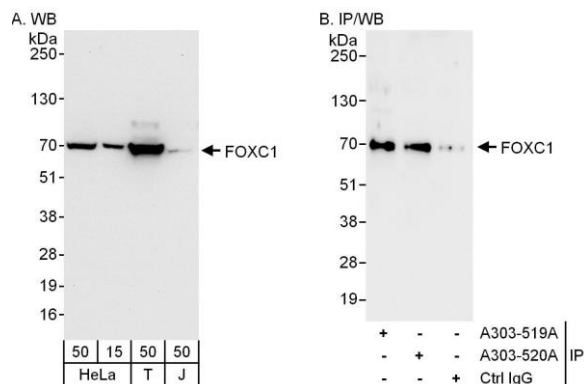
Immunohistochemistry 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO <https://www.bethyl.com/product/A303-520A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of human FOXC1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-FOXC1 antibody A303-520A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. FOXC1 was also immunoprecipitated by rabbit anti-FOXC1 antibody A303-519A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).

Detection of human FOXC1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-FOXC1 (Cat. No. A303-520A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB. *Counterstain:* hematoxylin (blue).