

FOXK1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001032242.1

Catalog No. A301-727A

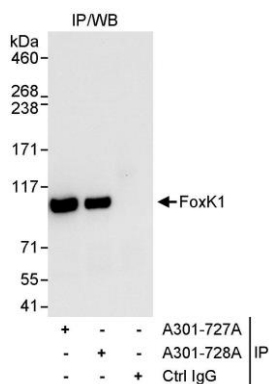
GeneID 221937

Lot No. A301-727A-1

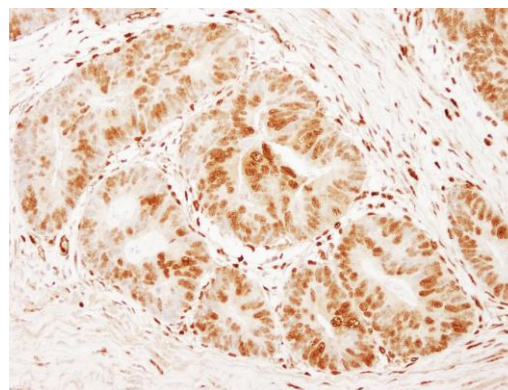


APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to FOXK1 immobilized on solid support. The epitope recognized by A301-727A maps to a region between residue 525 and 575 of human forkhead box K1 using the numbering given in entry NP_001032242.1 (GeneID 221937). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
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 Not recommended. Use rabbit anti-FOXK1 antibody A301-728A. Immunoprecipitation 2 – 5 µg/mg lysate Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A301-727A 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.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human FOXK1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-FOXK1 antibody A301-727A used for IP at 3 µg/mg lysate. FOXK1 was also immunoprecipitated by rabbit anti-FOXK1 antibody A301-728A, which recognizes a downstream epitope. For blotting immunoprecipitated FOXK1, A301-728A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human FOXK1 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-FOXK1 (Cat. No. A301-727A) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB