

ZHX1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9UKY1

Catalog No. A300-243A

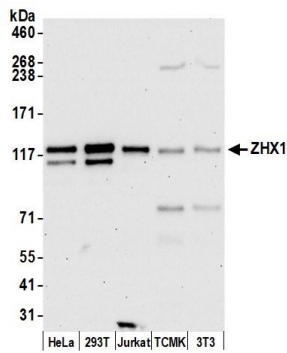
GeneID 11244

Lot No. A300-243A-2



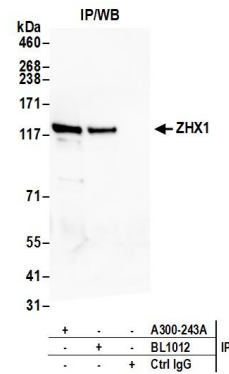
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to ZHX1 immobilized on solid support.</p> <p>The epitope recognized by A300-243A maps to a region between residues 1 and 50 of human zinc fingers and homeoboxes 1 using the numbering given in TrEMBL entry Q9UKY1 (GeneID 11244).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>						
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
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APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE.						
IHC HUMAN CONTROLS	Ovarian Carcinoma, Skin Basal Cell Carcinoma, Small Cell Lung Cancer						
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-243A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>						

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



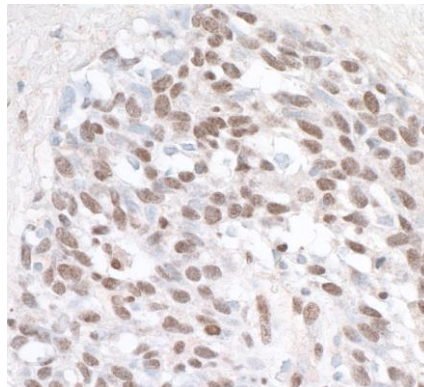
Detection of human and mouse ZHX1 by western blot.

Samples: Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-ZHX1 antibody A300-243A (lot A300-243A-2) used for WB at 0.1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 30 seconds.



Detection of human ZHX1 by western blot of immunoprecipitates.

Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. **Antibodies:** Affinity purified rabbit anti-ZHX1 antibody A300-243A (lot A300-243A-2) used for IP at 3 µg per reaction. ZHX1 was also immunoprecipitated by rabbit anti-ZHX1 antibody BL1012. For blotting immunoprecipitated ZHX1, A300-243A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 75 seconds.



Detection of human ZHX1 by immunohistochemistry.

Sample: FFPE section of human lung carcinoma. **Antibody:** Affinity purified rabbit anti-ZHX1 (Cat. No. A300-243A Lot2) used at a dilution of 1:1,000 (1 µg/ml). **Detection:** DAB