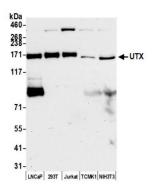
UTX Antibody						
Rabbit Polyclonal						
Antigen Affinity Purified		d	Protein ID	NP_066963.1		
Catalog No.	A302-374A		GenelD	7403		RETUVI
Lot No.	A302-3	374A-4				
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 μΙ				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 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 UTX immobilized on solid support.				
PROCEDURES		The epitope recognized by A302–374A maps to a region between residue 700 and 750 of human ubiquitously transcribed tetratricopeptide repeat, X chromosome using the numbering given in entry NP_066963.1 (GeneID 7403).				
		Antibody 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	1:1	0,000 - 1:25,000		
		Immunoprecipi	tation 2 -	10 µg/mg lysate		
APPLICATION N	OTES	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		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Ovarian Carcinoma				
IHC MOUSE CONTROLS		Renal Cell Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A302-374A 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: August 5, 2019

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kDa UTX 460-238-171-117-71-55-41-31-★ - - A302-374A-3 - ★ - A302-374A-4 - ★ - - + CH IgG

IP/WR

**Detection of human and mouse UTX by western blot.** *Samples:* Whole cell lysate (50 µg) from LNCaP, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-UTX

antibody A302-374A (lot A302-374A-4) used for WB at

0.04 µg/ml. *Detection:* Chemiluminescence with an

exposure time of 30 seconds.

Detection of human UTX by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from LNCaP, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-UTX antibody A302-374A (lot A302-374A-4) used for IP at 6  $\mu$ g per reaction. UTX was also immunoprecipitated by a previous lot of this antibody (lot A302-374A-3). For blotting immunoprecipitated UTX, A302-374A was used at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.