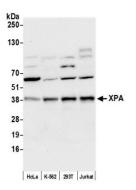
XPA Antibody					
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A301–780A Lot No. A301–780A–3		780A (Protein ID GeneID	NP_000371.1 7507	BETHYL LABORATORIES, INC
APPLICATIONS		WB, IP, IHC			penetenni dodanisari di je vano provensi polar var
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		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 XPA immobilized on solid support.			
TROCEDORES		The epitope recognized by A301-780A maps to a region between residue 1 and 50 of human xeroderma pigmentosum, complementation group A using the numbering given in entry NP_000371.1 (GeneID 7507). 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	1:2	,000 - 1:10,000	
		Immunoprecipita	ation 2 –	10 µg/mg lysate	
		Immunohistoche	,=	00 to 1:1000. Epitope retrieval with cit ommended for FFPE tissue sections.	rate buffer pH6.0 is
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 4–20% 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 4–20% SDS-PAGE. Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A301-780A 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

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 IP/WB

 250

 130

 70

 51

 38

 4

 28

 19

 16

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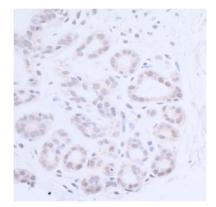
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Detection of human XPA by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, K-562, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-XPA antibody A301-780A (lot A301-780A-3) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human XPA 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-XPA antibody A301–780A (lot A301–780A–3) used for IP at 6 μ g per reaction. XPA was also immunoprecipitated by a previous lot of this antibody (lot A301–780A–2) and rabbit anti-XPA antibody BL6797. For blotting immunoprecipitated XPA, A301–780A was used at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human XPA by immunohistochemistry.

Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- XPA (Cat. No. A301-780A lot 3) used at a dilution of 1:1,000 (0.2µg/ml). Detection: DAB.