XPA Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-780A

Lot No. A301-780A-3

Protein ID NP_000371.1

GeneID 7507

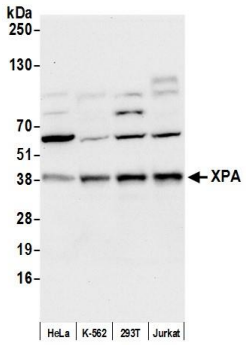
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to XPA immobilized on solid support. 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
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:200 to 1:1000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

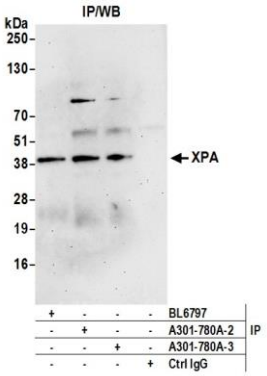
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	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.

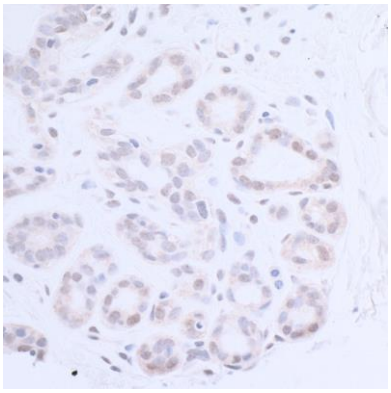
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human XPA by western blot. *Samples:* Whole cell lysate (50 µg) 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 µg/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 µg 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 µg/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.