

XPC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004619.2

Catalog No. A301-121A-T

GeneID 7508

Lot No. A301-121A-T-1

APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	10 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 XPC immobilized on solid support.</p> <p>The epitope recognized by A301-121A-T maps to a region between residue 825 and 875 of human xeroderma pigmentosum, complementation group C using the numbering given in entry NP_004619.2 (GeneID 7508).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

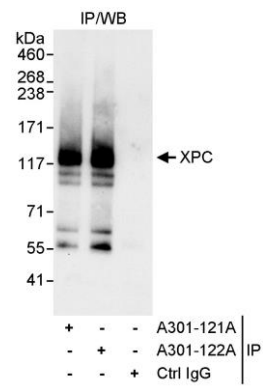
Western Blot Not recommended. Use rabbit anti-XPC antibody A301-122A.

Immunoprecipitation 2 – 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-121A-T>

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.
Michael Spencer, PhD Date: June 6, 2022



Detection of human XPC 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-XPC antibody A301-121A used for IP at 3 µg/mg lysate. XPC was also immunoprecipitated by rabbit anti-XPC antibody A301-122A, which recognizes a downstream epitope. For blotting immunoprecipitated XPC, A301-122A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.