

NF90/NF110 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_036350.2

Catalog No. A303-120A

GeneID 3609

Lot No. A303-120A-1



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 NF90/NF110 immobilized on solid support.

The epitope recognized by A303-120A maps to a region between residue 50 and 100 of human Nuclear Factor of Activated T-cells 90 kDa, 110 kDa using the numbering given in entry NP_036350.2 (GeneID 3609).

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 1:2,000 - 1:10,000

Immunoprecipitation 2 - 10 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma

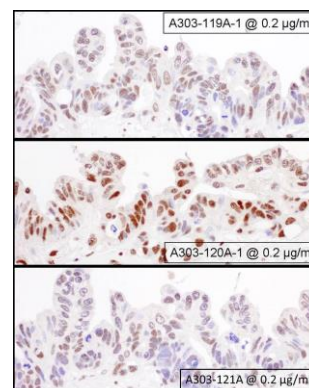
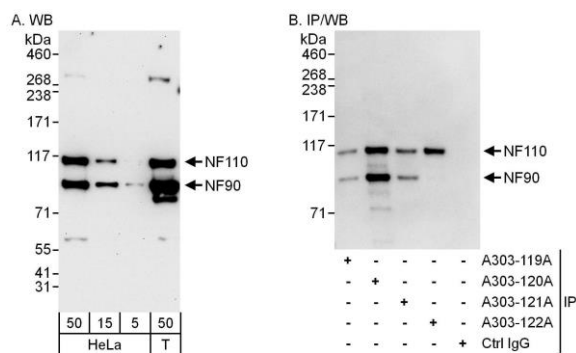
ADDITIONAL INFO <https://www.bethyl.com/product/A303-120A>

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 NF90 and NF110 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NF90/NF110 antibody A303-120A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NF90 and/or NF110 were also immunoprecipitated by rabbit anti-NF90/NF110 antibodies A303-119A and A303-121A as well as anti-NF110 antibody A303-122A, each of which recognizes a different epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 1 second (B).

Detection of human NF90 and NF110 by immunohistochemistry. *Samples:* FFPE serial sections of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- NF90/NF110 (Cat. No. A303-119A Lot1, upper panel, Cat. No. A303-120A Lot1, middle panel and Cat. No. A303-121A Lot1, lower panel) used at a dilution of 1:5,000 (0.2µg/ml) or 1:1,000 (0.2µg/ml). *Detection:* DAB