

NF- κ B1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID AAF35232.1

Catalog No. A301-820A

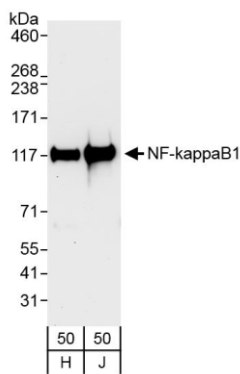
GeneID 4790

Lot No. A301-820A-1



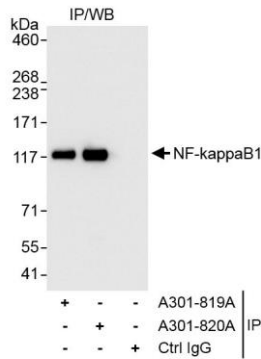
APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 μ l
CONCENTRATION	200 μ g/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NF-κB1 immobilized on solid support. The epitope recognized by A301-820A maps to a region between residue 918 and 968 of human nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105) using the numbering given in entry AAF35232.1 (GeneID 4790). 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 – 5 μg/mg lysate
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.
ADDITIONAL INFO	https://www.bethyl.com/product/A301-820A 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: October 22, 2019



Detection of human NF-kappaB1 by western blot.

Samples: Whole cell lysate from HeLa (H; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NF-kappaB1 antibody A301-820A (lot A301-820A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 1 minute.



Detection of human NF-kappaB1 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-NF-kappaB1 antibody A301-820A (lot A301-820A-1) used for IP at 3 µg/mg lysate. NF-kappaB1 was also immunoprecipitated by rabbit anti-NF-kappaB1 antibody A301-819A, which recognizes an upstream epitope. For blotting immunoprecipitated NF-kappaB1, A301-820A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with exposure time of 3 seconds.