

NUMB Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001005743.1

Catalog No. A301-714A

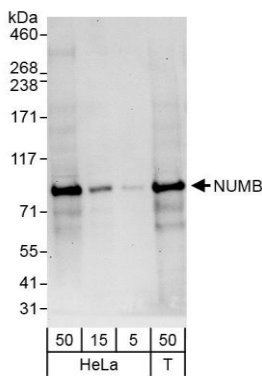
GeneID 8650

Lot No. A301-714A-1

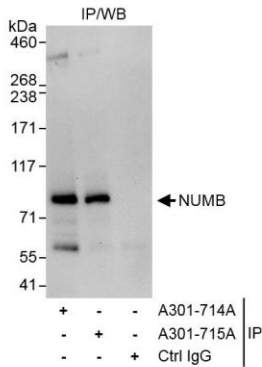


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NUMB immobilized on solid support. The epitope recognized by A301-714A maps to a region between residue 375 and 425 of human NUMB homolog using the numbering given in entry NP_001005743.1 (GeneID 8650). 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).
ADDITIONAL INFO	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A301-714A 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 21, 2019



Detection of human NUMB by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NUMB antibody A301-714A (lot A301-714A-1) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human NUMB 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-NUMB antibody A301-714A (lot A301-714A-1) used for IP at 3 µg/mg lysate. NUMB was also immunoprecipitated by rabbit anti-NUMB antibody A301-715A, which recognizes a downstream epitope. For blotting immunoprecipitated NUMB, A301-714A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.