

NUMBL Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-719A

Lot No. A301-719A-1

Protein ID NP_004747.1

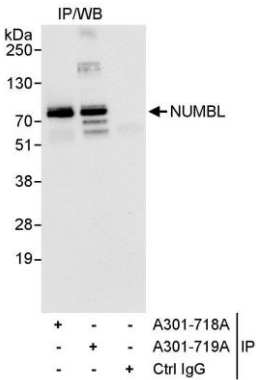
GeneID 9253



APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	100 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 NUMBL immobilized on solid support.</p> <p>The epitope recognized by A301-719A maps to a region between residue 545 and 595 of human numb (Drosophila) homolog-like using the numbering given in entry NP_004747.1 (GeneID 9253).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. A301-719A has not performed satisfactorily when used for WB of NUMBL in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of NUMBL.</p> <p>Immunoprecipitation 2 – 5 µg/mg lysate</p>
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	<p>https://www.bethyl.com/product/A301-719A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p>

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 NUMBL1 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-NUMBL1 antibody A301-719A used for IP at 3 µg/mg lysate. NUMBL1 was also immunoprecipitated by rabbit anti-NUMBL1 antibody A301-718A, which recognizes an upstream epitope. For blotting immunoprecipitated NUMBL1, A301-719A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.