

WNK1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_061852.2

Catalog No. A301-515A

GeneID 65125

Lot No. A301-515A-3



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
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 WNK1 immobilized on solid support. The epitope recognized by A301-515A maps to a region between residue 2100 and 2150 of human WNK lysine deficient protein kinase 1 using the numbering given in entry NP_061852.2 (GeneID 65125).

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.

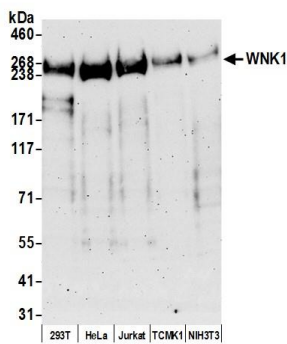
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

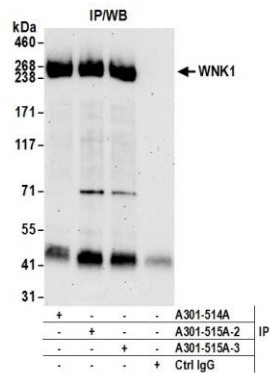
ADDITIONAL INFO <https://www.bethyl.com/product/A301-515A>

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: May 14, 2020



Detection of human and mouse WNK1 by western blot.
Samples: Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-WNK1 antibody A301-515A (lot A301-515A-3) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human WNK1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-WNK1 antibody A301-515A (lot A301-515A-3) used for IP at 6 µg per reaction. WNK1 was also immunoprecipitated by a previous lot of this antibody (lot A301-515A-2) and rabbit anti-WNK1 antibody A301-514A. For blotting immunoprecipitated WNK1, A301-515A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.