

NONO Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_031389.3

Catalog No. A300-587A

GeneID 4841

Lot No. A300-587A-2



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse, Rat
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
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 NONO immobilized on solid support.

The epitope recognized by A300-587A maps to a region between residues 350 and 400 of human Non-POU Domain Containing, Octamer-binding using the numbering given in entry NP_031389.3 (GeneID 4841).

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

Immunohistochemistry 1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS Bladder Cell Carcinoma, Breast Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma

IHC MOUSE CONTROLS Squamous Cell Carcinoma, Teratoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-587A>

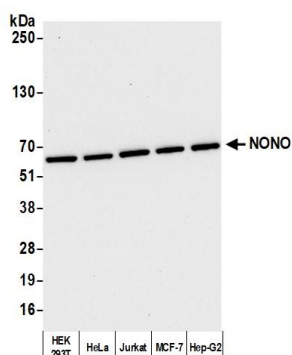
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

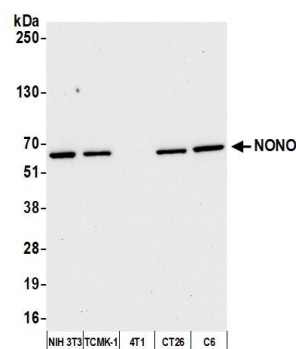
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Brian McWilliams, PhD

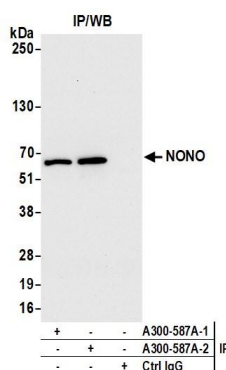
Date: December 28, 2020



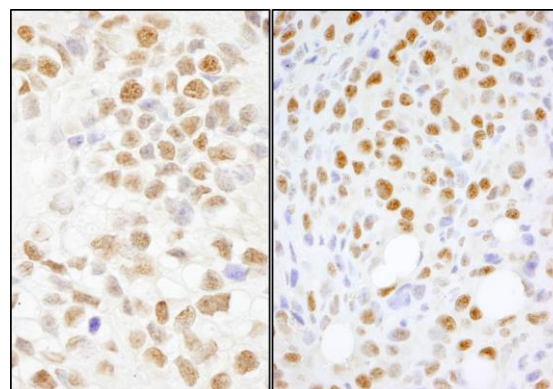
Detection of human NONO by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NONO antibody (A300-587A Lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of mouse and rat NONO by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3, TCMK-1, 4T1, CT26, and C6 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NONO antibody (A300-587A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human NONO 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-NONO antibody (A300-587A lot 2) used for IP at 6 µg per reaction. NONO was also immunoprecipitated by a previous lot of this antibody (lot 1). For blotting immunoprecipitated NONO, A300-587A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human and mouse NONO by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma (left) and mouse squamous cell carcinoma (right). *Antibody:* Affinity purified rabbit anti-NONO (Cat. No. A300-587A Lot1) used at a dilution of 1:1,000 (0.2 µg/ml) and 1:200 (1 µg/ml). *Detection:* DAB