

Rabbit anti-Human NONO Polyclonal Antibody | anti-NONO antibody

Rabbit anti-NONO Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211034	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NONO; Polyclonal Antibody; Rabbit anti-NONO Antibody; Affinity Purified; PPP1R114; protein phosphatase 1; regulatory subunit 114; P54NRB; p54(nrb); P54; NRB54; non-POU domain-containing octamer-binding protein; NonO protein; NMT55; MRXS34; DNA-binding p52/p100 complex; 52 kDa subunit; 54 kDa nuclear RNA- and DNA-binding protein; 55 kDa nuclear protein; non-POU domain-containing octamer (ATGCAAAT) binding protein; Non-POU domain-containing octamer-binding protein; non-POU domain containing octamer binding; anti-NONO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NONO antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NONO by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NONO antibody (AAA211034 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human NONO by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 50% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NONO antibody (AAA211034 lot 2) used for IP at 6 ug per reaction. NONO was also immunoprecipitated by a previous lot of this antibody (AAA211034 lot 1) and a second antibody against a different epitope of NONO. For blotting immunoprecipitated NONO, AAA211034 was used at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human NONO by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti- NONO (AAA211034 lot 2) used at a dilution of 1:100 (2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-NONO antibody	Non-POU-domain-containing octamer binding protein (NONO) is a member of the DBHS (drosophila behavior, human splicing) domain-containing family and is an RNA- and DNA- binding protein. NONO and other DBHS domain-containing proteins are multifunctional and are reported to be involved in transcriptional regulation, mRNA processing, and DNA non-homologous end joining (NHEJ). NONO functions as a coregulator of the androgen receptor (AR) and also regulates cAMP transcriptional activity by interacting with gene promoter elements. NONO is also involved in pre-mRNA splicing through an interaction with U5 snRNA and can stimulate DNA nonhomologous end joining (NHEJ) through the interaction with ku70/G22p and ku80/XRCC5 dimers.
Product Categories/Family for anti-NONO antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34932414
NCBI GeneID	4841
NCBI Accession #	NP_031389.3
NCBI GenBank Nucleotide #	NM_007363.4
UniProt Accession #	Q15233; O00201; P30807; Q12786; Q9BQC5; B7Z4C2; D3DVV4; F5GYZ3
Molecular Weight	43,866 Da
NCBI Official Full Name	non-POU domain-containing octamer-binding protein isoform 1
NCBI Official Synonym Full Names	non-POU domain containing, octamer-binding
NCBI Official Symbol	NONO
NCBI Official Synonym Symbols	P54; NMT55; NRB54; P54NRB; PPP1R114
NCBI Protein Information	non-POU domain-containing octamer-binding protein; p54(nrb); 55 kDa nuclear protein; 54 kDa nuclear RNA- and DNA-binding protein; DNA-binding p52/p100 complex, 52 kDa subunit; protein phosphatase 1, regulatory subunit 114; non-POU domain-containing octame
UniProt Protein Name	Non-POU domain-containing octamer-binding protein
UniProt Gene Name	NONO
UniProt Synonym Gene Names	NRB54; NonO protein; p54nrb
UniProt Entry Name	NONO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.