

Rabbit NONO Polyclonal Antibody | anti-NONO antibody

NONO antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23484	Rabbit	Tested Species Reactivity: Human (Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat)	Immunofluorescence, Immunohistochemistry, Western Blot, Immunoprecipitation

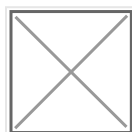
PRODUCT SYNONYMS

NONO; Polyclonal Antibody; NONO antibody - C-terminal region; P54; NMT55; NRB54; MRXS34; P54NRB; PPP1R114; anti-NONO antibody

PRODUCT SPECIFICATIONS

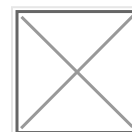
Host	Rabbit
Reactivity	Tested Species Reactivity: Human (Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat)
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	1.0mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: DG TLGLTPPTE RFGQAATMEG IGAIGGTPPA FNRAAPGAEF APNKRRTY
Applicable Applications for anti-NONO antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation)
Protein Size (# AA)	471 amino acids
Protein Interactions	SFPQ; PTBP1; PRKAA2; PIN1; NONO; FUS; DDX6; C11orf68; PSPC1; HUWE1; LMO4; UBC; SUMO2; STAU1; MDM2; RPA3; RPA2; RPA1; ASB18; WWOX; ASB3; ERG; EED; rev; WBP4; TCERG1; APBB1; PRPF40A; LMNA; CD81; PAN2; CTNNB1; ORC5; MYC; ITGA4; IL7R; FN1; EWSR1; YLPM1; RNF43
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NONO
Protein Name	Non-POU domain-containing octamer-binding protein
Replacement Item	This antibody may replace item sc-23247 from Santa Cruz Biotechnology.
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Rabbit Anti-NONO Antibody Catalog Number: AAA23484 Paraffin Embedded Tissue: Human cardiac cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



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**WB (Western Blot)**

WB Suggested Anti-NONO Antibody Titration: 1.25ug/mlELISA Titer: 1:62500Positive Control: HepG2 cell lysate

**IHC (Immunohistochemistry)**

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**IHC (Immunohistochemistry)**

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-NONO antibody	NONO is DNA- and RNA binding protein, involved in several nuclear processes. It binds the conventional octamer sequence in double stranded DNA. It also binds single-stranded DNA and RNA at a site independent of the duplex site. It is involved in pre-mRNA splicing and interacts with U5 snRNA. The SFPQ-NONO heteromer associated with MATR3 may play a role in nuclear retention of defective RNAs, be involved in DNA unwinding by modulating the function of topoisomerase I/TOP1 and be involved in DNA nonhomologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination and may stabilize paired DNA ends. NONO binds to an enhancer element in long terminal repeats of endogenous intracisternal A particles (IAPs) and activates transcription.
Product Categories/Family for anti-NONO antibody	Polyclonal ; RNA Binding Proteins ; Transcription Regulation ; Chromatin & Nuclear Signaling ; DNA Damage & Repair ; Disease Related ; DNA/RNA/Protein Interactions ; Immunohistochemistry ; DNA Repair ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	34932414
NCBI GeneID	4841
NCBI Accession #	NP_031389
NCBI GenBank Nucleotide #	NM_007363
UniProt Accession #	Q15233
Molecular Weight	52kDa
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; MRXS34; P54NRB; PPP1R114
NCBI Protein Information	non-POU domain-containing octamer-binding protein
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.

