

Datasheet for ABIN629889
anti-NONO antibody (C-Term)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	NONO
Binding Specificity:	C-Term
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NONO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	NONO antibody was raised using the C terminal of NONO corresponding to a region with amino acids DGLTGLTPPTTERFGQAATMEGIGAIGGTPPAFNRAAPGAEFAPNKRRRY
Specificity:	NONO antibody was raised against the C terminal of NONO
Purification:	Purified

Target Details

Target:	NONO
Alternative Name:	NONO (NONO Products)
Background:	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

Target Details

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.

Molecular Weight: 52 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NONO Blocking Peptide, catalog no. 33R-1969, is also available for use as a blocking control in assays to test for specificity of this NONO antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NONO antibody in PBS

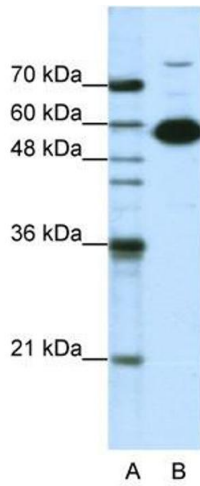
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

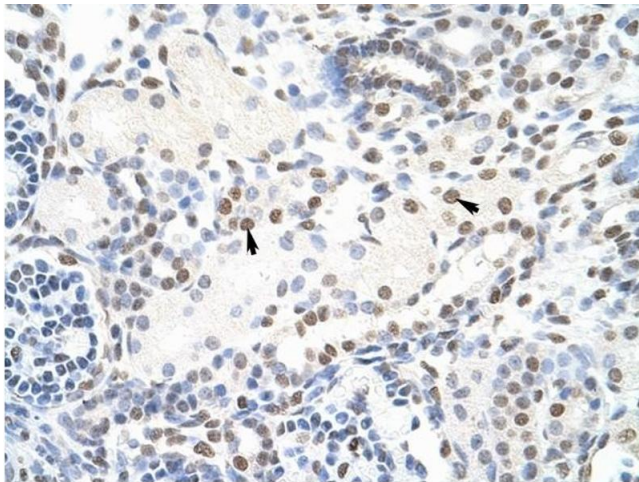
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



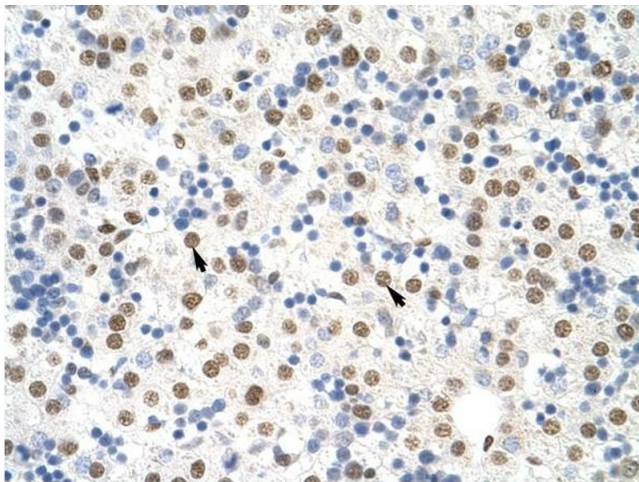
Western Blotting

Image 1. NONO antibody used at 1.25 ug/ml to detect target protein.



Immunohistochemistry

Image 2. NONO antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 3. NONO antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hepatocytes (arrows) in Human Liver. Magnification is at 400X.