

Datasheet for ABIN3044530
anti-NONO antibody (N-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	NONO
Binding Specificity:	AA 1-35, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Non-POU domain-containing octamer-binding protein(NONO) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human nmt55/p54nrb (1-35aa MQSNKTFNLEKQNHTPRKHHQHHHQQHHQQQQQ), identical to the related mouse and rat sequences.
Sequence:	MQSNKTFNLE KQNHTPRKHH QHHHQQHHQ QQQQQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Non-POU domain-containing octamer-binding protein(NONO) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: non-POU domain containing, octamer-binding</p> <p>Protein Name: Non-POU domain-containing octamer-binding protein</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: NONO

Alternative Name: NONO ([NONO Products](#))

Background: Non-POU domain-containing octamer-binding protein is a protein that in humans is encoded by the NONO gene. This gene encodes an RNA-binding protein which plays various roles in the nucleus, including transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and 16.

Synonyms: 52 kDa subunit antibody|54 kDa nuclear RNA and DNA binding protein antibody|54 kDa nuclear RNA- and DNA-binding protein antibody|55 kDa nuclear protein antibody|DNA binding p52/p100 complex 52 kDa subunit antibody|DNA-binding p52/p100 complex antibody|NMT 55 antibody|NMT55 antibody|Non Pou domain containing octamer (ATGCAAAT) binding protein antibody|Non POU domain containing octamer binding antibody|Non POU domain containing octamer binding protein antibody|Non-POU domain-containing octamer-binding protein antibody|Nono antibody|NonO protein antibody|NONO_HUMAN antibody|NRB 54 antibody|NRB antibody|NRB54 antibody|Nuclear RNA binding protein 54kD antibody|P54 antibody|p54(nrb) antibody|p54nrb antibody|PPP1R114 antibody|Protein phosphatase 1 regulatory subunit 114 antibody

Gene ID: 4841

UniProt: [Q15233](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by

Application Details

ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide.

Preservative: Sodium azide

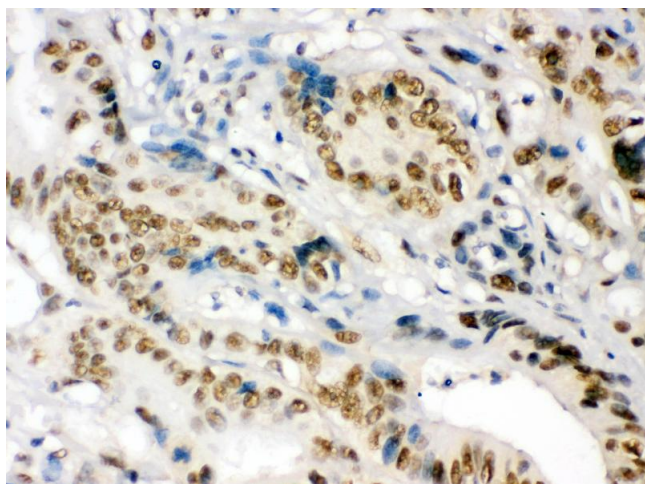
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

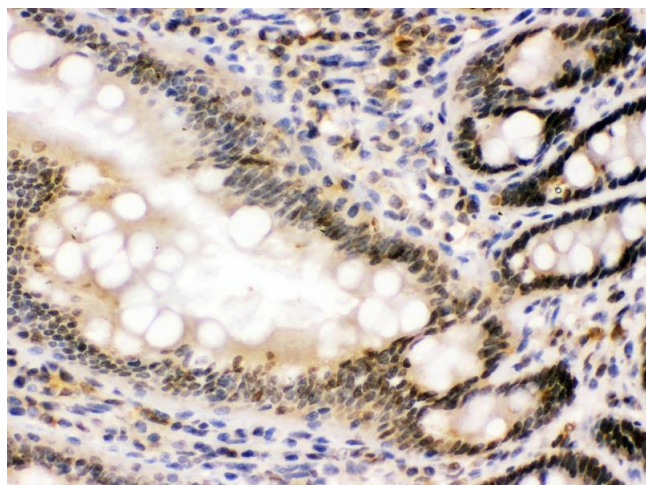
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



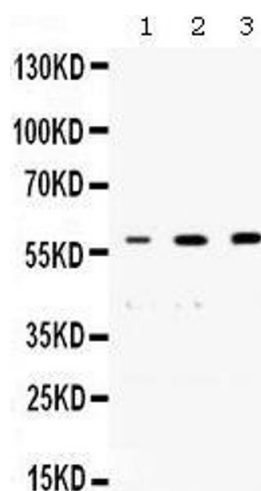
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. nmt55/p54nrb was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- nmt55/p54nrb Antigen Affinity purified polyclonal antibody at 1 µg/mL. The immunohistochemical section was developed using SABC method



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. nmt55/p54nrb was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti-nmt55/p54nrb Antigen Affinity purified polyclonal antibody at 1 $\mu\text{g/mL}$. The immunohistochemical section was developed using SABC method



Western Blotting

Image 3. Western blot analysis of nmt55/p54nrb expression in rat brain extract (lane 1), human placenta extract (lane 2) and PANC whole cell lysates (lane 3). nmt55/p54nrb at 60KD was detected using rabbit anti-FBXL4 Antigen Affinity purified polyclonal antibody at 0.5 $\mu\text{g/mL}$. The blot was developed using chemiluminescence (ECL) method

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3044530.