

Product datasheet for **CF504776**

NONO Mouse Monoclonal Antibody [Clone ID: OTI3F8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3F8
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:200~1000, IHC 1:150, IF 1:100
Reactivity:	Human, Monkey, Mouse, Rat, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 184-385 of human NONO(NP_031389) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.1 kDa
Gene Name:	Homo sapiens non-POU domain containing octamer binding (NONO), transcript variant 2, mRNA.
Database Link:	NP_031389 Entrez Gene 53610 Mouse Entrez Gene 317259 Rat Entrez Gene 612773 Dog Entrez Gene 697263 Monkey Entrez Gene 4841 Human Q15233



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Background:

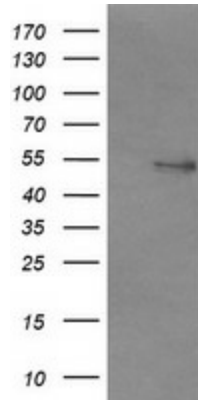
This gene encodes an RNA-binding protein which plays various roles in the nucleus, including transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and 16. [provided by RefSeq, Feb 2009]

Synonyms:

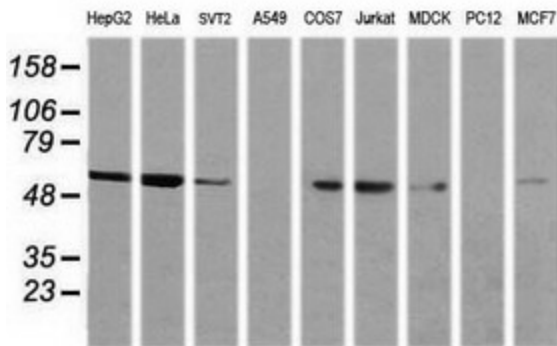
MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114

Protein Families:

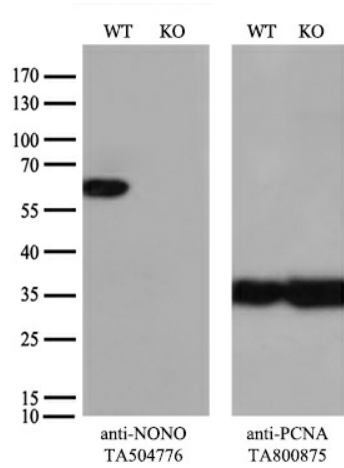
Druggable Genome, Transcription Factors

Product images:


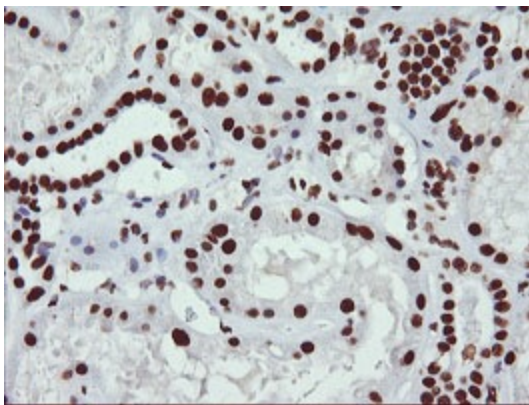
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NONO ([RC206688], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NONO. Positive lysates [LY402135] (100ug) and [LC402135] (20ug) can be purchased separately from OriGene.



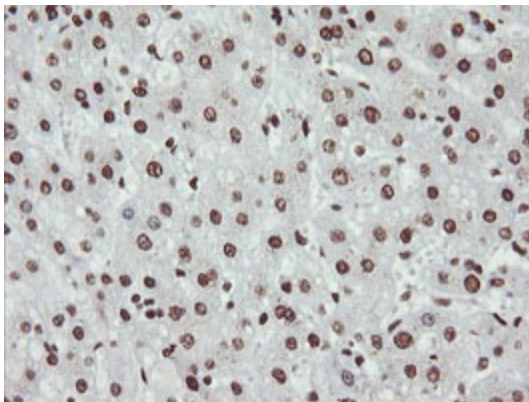
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NONO monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



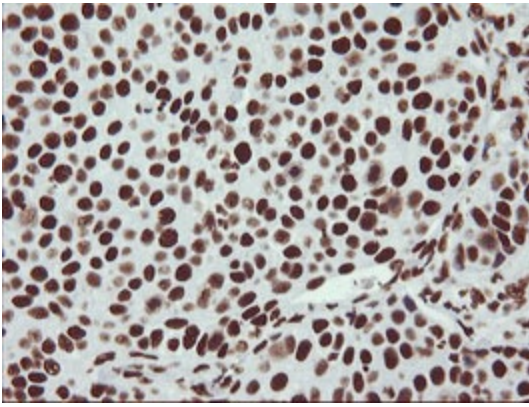
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HEK293T cells (WT, Cat# LC810293T) and NONO-Knockout HEK293T cells (KO, Cat# [LC841199]) were separated by SDS-PAGE and immunoblotted with anti-NONO monoclonal antibody [TA504776] (1:500). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



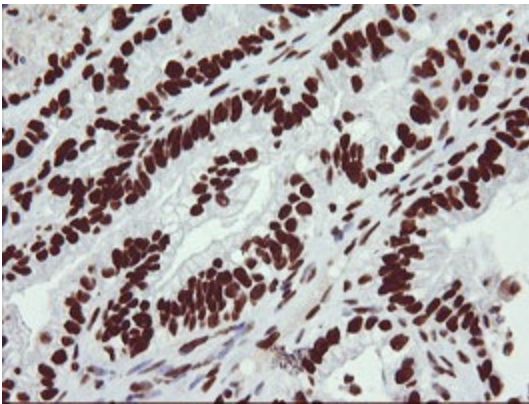
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



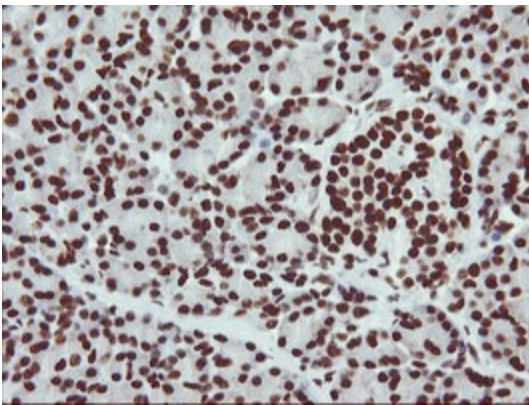
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



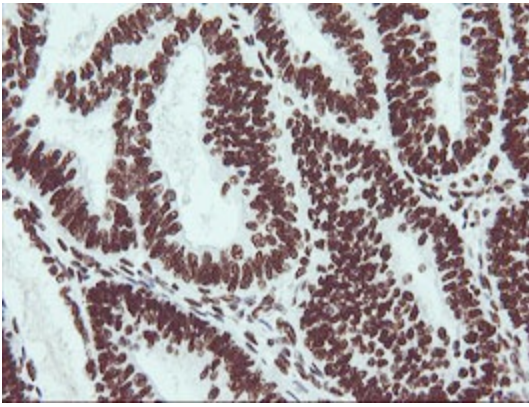
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



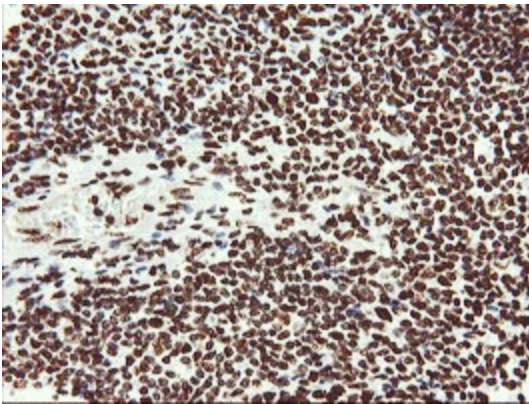
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



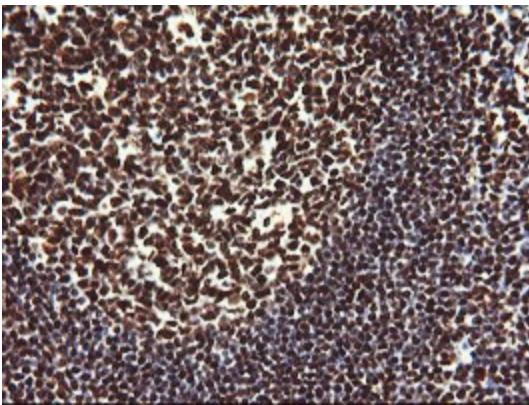
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



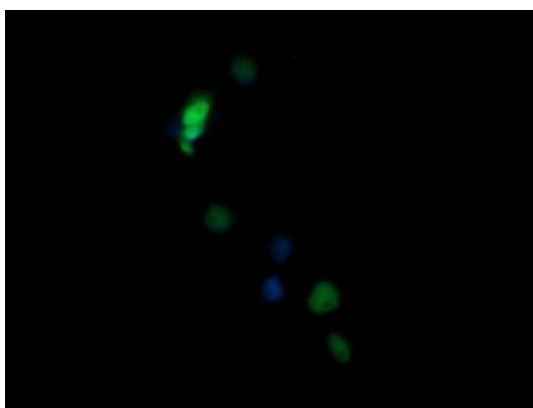
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504776])



Anti-NONO mouse monoclonal antibody ([TA504776]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NONO ([RC206688]).