

NONO Polyclonal Antibody

Catalog number: 11058-1-AP

Size: 48 µg/150 µl

Source: Rabbit

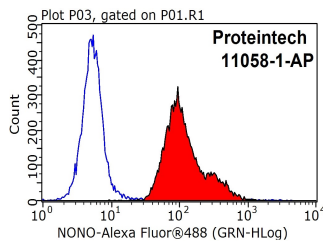
Isotype: IgG

Synonyms:

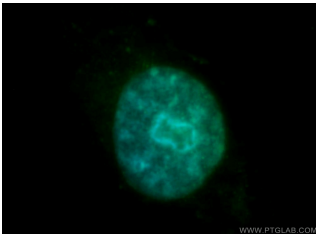
NONO; 55 kDa nuclear protein,

NONO, NonO protein, NRB54,

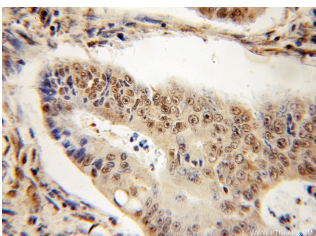
P54, p54(nrb), P54NRB



1X10⁶ HepG2 cells were stained with 0.2µg NONO antibody (11058-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of HepG2 cells, using NONO antibody 11058-1-AP at 1:100 dilution and FITC-labeled donkey anti-rabbit IgG(green). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human colon cancer using 11058-1-AP(NONO antibody) at dilution of 1:50 (under 10x lens)

Background

Non-pou domain-containing octamer-binding protein(NONO), other named p54nrb, belongs to DBHS family, whose protein are predominately nuclear and involves in transcriptional and posttranscriptional gene regulatory functions as well as DNA repair. This family has roles in a wide range of biological processes, such as the regulation of circadian rhythm, carcinogenesis and progression of cancer. NONO forms heterodimer with SFPQ, and has been implicated in nuclear retention of A-to-I-edited RNA as paraspeckle components, pre-mRAN 3'-end formation, cAMP cycling and transcriptional activation.

Applications

Tested applications:	ELISA, WB, IHC, IF, FC, IP
Cited applications:	IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Bovine, human
Calculated NONO MW:	54 kDa
Observed NONO MW:	54kd
Positive WB detected in	MCF7 cells, HEK-293 cells, human pancreas tissue, human skeletal muscle tissue, mouse pancreas tissue
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200 FC: N/A

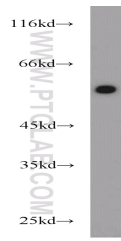
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

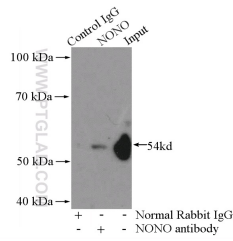
Immunogen:	Ag1512
GenBank accession number:	BC010049
Gene ID (NCBI):	4841
Full name:	Non-POU domain containing, octamer-binding

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



MCF7 cells were subjected to SDS PAGE followed by western blot with 11058-1-AP(NONO antibody) at dilution of 1:1000



IP Result of anti-NONO (IP:11058-1-AP, 4ug; Detection:11058-1-AP 1:1000) with HEK-293 cells lysate 2800ug.