

For Research Use Only

# NONO Monoclonal antibody

Catalog Number: 66361-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66361-1-Ig	<b>GenBank Accession Number:</b> BC010049	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4841	<b>CloneNo.:</b> 2A2B10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15233	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> non-POU domain containing, octamer-binding	
<b>Immunogen Catalog Number:</b> AG17609	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : C2C12 cell, mouse skeletal muscle tissue, ROS1728 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> mouse	

## Background Information

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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Nian Liu	35953472	Nat Commun	WB

## Storage

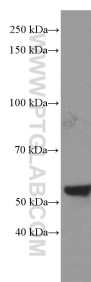
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



C2C12 cell were subjected to SDS PAGE followed by western blot with 66361-1-Ig (NONO Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.