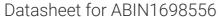
## antibodies .- online.com





## anti-NOB1 antibody (Alexa Fluor 647)



Go to Product page

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Alternative Name:

Background:

Quantity:	100 μL	
Target:	NOB1	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NOB1 antibody is conjugated to Alexa Fluor 647	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Product Details  Immunogen:	KLH conjugated synthetic peptide derived from human NOB1	
	KLH conjugated synthetic peptide derived from human NOB1	
Immunogen:		
Immunogen: Isotype:	IgG	
Immunogen: Isotype: Cross-Reactivity:	IgG Human, Mouse, Rat	

Synonyms: Adenocarcinoma antigen recognized by T lymphocytes 4, ART4, MST158,

MSTP158, Nin one binding protein, NIN1/RPN12 binding protein 1 homolog S. cerevisiae, nob1,

NOB1\_HUMAN, NOB1P, Phosphorylation regulatory protein HP-10, Protein ART-4, Protein ART4,

PSMD8 binding protein 1, PSMD8BP1, RNA binding protein NOB1, RNA-binding protein NOB1.

NOB1 (NOB1 Products)

Background: NOB1P is a 412 amino acid nuclear protein that is involved in proteosome biogenesis and is required for the final step in 18S rRNA maturation. NOB1P contains a PIN domain, which functions as a nuclease in nonsense-mediated mRNA decay and is required for pre-rRNA cleavage. NOB1P interacts with Rent2, which is involved in nonsense-mediated decay of mRNAs containing premature stop codons. Expressed in placenta, spleen, endothelial cells, liver and lung, NOB1P is essential for the synthesis of 40S ribosome subunits. Supression of the gene encoding NOB1P inhibits the processing of the 20S pre-rRNA to the mature 18S rRNA, therefore leading to accumulation of high levels of 20S pre-rRNA with degradation intermediates.

Gene ID:

28987

Pathways:

Protein targeting to Nucleus

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	