

## ARG40320 anti-NOB1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NOB1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NOB1
Species	Human
Immunogen	Recombinant fusion protein of Human NOB1.
Conjugation	Un-conjugated
Alternate Names	Phosphorylation regulatory protein HP-10; RNA-binding protein NOB1; Protein ART-4; MST158; MSTP158; NOB1P; ART-4; PSMD8BP1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BxPC-3	
Observed Size	47 kDa	

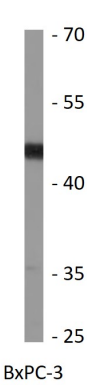
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NOB1
Gene Full Name	NIN1/RPN12 binding protein 1 homolog
Background	In yeast, over 200 protein and RNA cofactors are required for ribosome assembly, and these are generally conserved in eukaryotes. These factors orchestrate modification and cleavage of the initial 35S precursor rRNA transcript into the mature 18S, 5.8S, and 25S rRNAs, folding of the rRNA, and binding of ribosomal proteins and 5S RNA. Nob1 is involved in pre-rRNA processing. In a late cytoplasmic processing step, Nob1 cleaves a 20S rRNA intermediate at cleavage site D to produce the mature 18S rRNA (Lamanna and Karbstein, 2009 [PubMed 19706509]).[supplied by OMIM, Nov 2010]
Function	May play a role in mRNA degradation. [UniProt]
Calculated Mw	47 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG40320 anti-NOB1 antibody WB image

Western blot: 25 µg of BxPC-3 cell lysate stained with ARG40320 anti-NOB1 antibody at 1:1000 dilution.