

NOB1 Polyclonal Antibody

Catalog No: #30126



Package Size: #30126-1 50ul #30126-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

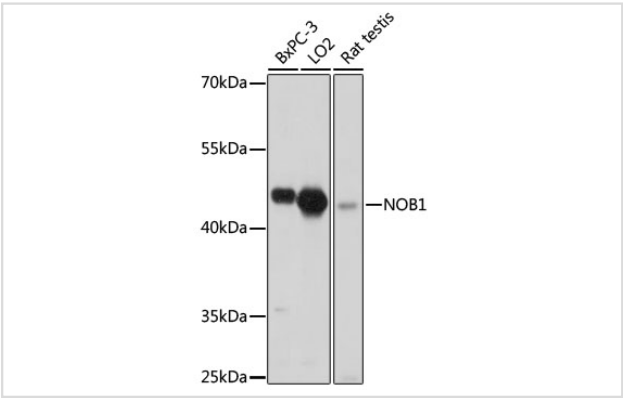
Description

Product Name	NOB1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human NOB1 (NP_054781.1).
Other Names	ART-4, MST158, MSTP158, NOB1P, PSMD8BP1
Accession No.	Swiss-Prot#:Q9ULX3NCBI Gene ID:28987
Uniprot	Q9ULX3
GeneID	28987;
Calculated MW	47kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

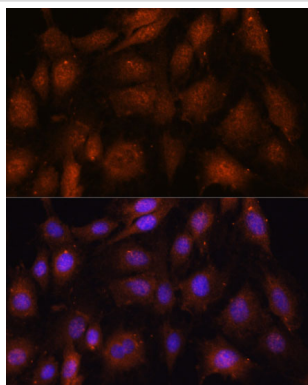
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

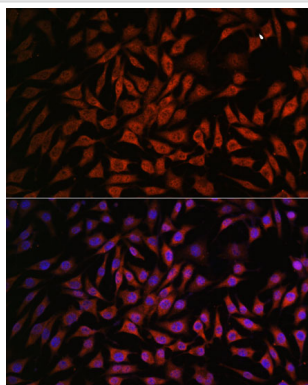
Images



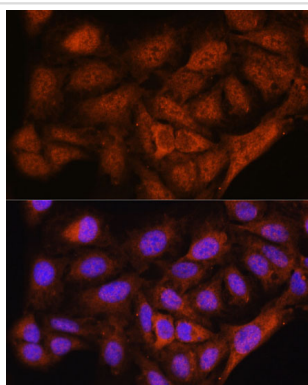
Western blot analysis of extracts of various cell lines, using NOB1 at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using NOB1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using NOB1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using NOB1 at dilution of 1:100. Blue: DAPI for nuclear staining.

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]

Note: This product is for in vitro research use only