

NOL12/NOP25 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57470

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UGY1
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24663

Additional Information

Gene ID	79159
Other Names	Nucleolar protein 12, NOL12
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NOL12
Function	Multifunctional RNA binding protein that plays a role in RNA metabolism and DNA maintenance. Participates in the resolution of DNA stress and the maintenance of genome integrity by localizing to sites of DNA insults (PubMed: 29069457). Also plays a role in proper nucleolar organization by limiting nucleolar size and regulating nucleolar number. Mechanistically, regulates the nucleolar levels of fibrillarin and nucleolin, two key players in pre-rRNA processing and ribosome assembly (PubMed: 30988155).
Cellular Location	Nucleus, nucleolus. Nucleus Cytoplasm

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.