

DATASHEET

NOL12 Rabbit Polyclonal Antibody

CAT. NO. APA16309

KEY FEATURES

Target	NOL12	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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. 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

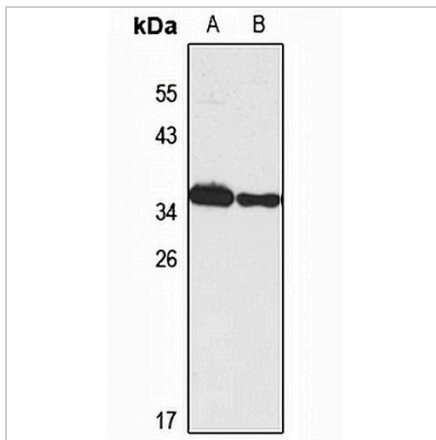
Description	Rabbit polyclonal antibody to NOL12
Specificity	Recognizes endogenous levels of NOL12 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NOL12. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 24 kD; Observed: 36 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Nucleolar protein 12
Gene Symbol	NOL12
Entrez Gene	79159(Human); 97961(Mouse); 362955(Rat)
SwissProt	Q9UGY1(Human); Q8BG17(Mouse); Q5D1Z3(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NOL12 expression in HeLa (A), HepG2 (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 36 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.