

DATASHEET

XRN1 Rabbit Polyclonal Antibody

CAT. NO. APA19149

KEY FEATURES

Target	XRN1	Source / Host	Rabbit
Reactivity	Human	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

Major 5'-3' exoribonuclease involved in mRNA decay . Required for the 5'-3'-processing of the G4 tetraplex-containing DNA and RNA substrates . The kinetic of hydrolysis is faster for G4 RNA tetraplex than for G4 DNA tetraplex and monomeric RNA tetraplex . Plays a role in replication-dependent histone mRNA degradation . May act as a tumor suppressor protein in osteogenic sarcoma (OGS) .

APPLICATION

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

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

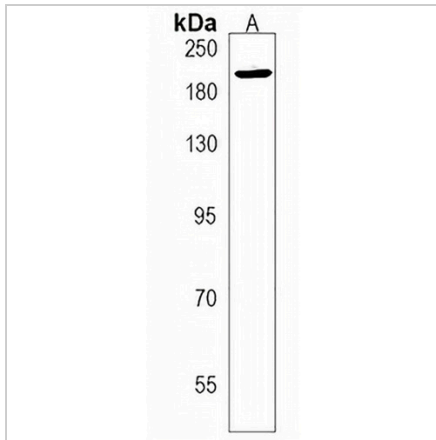
Description	Rabbit polyclonal antibody to XRN1
Specificity	Recognizes endogenous levels of XRN1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human XRN1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 194 kD; Observed: 194 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	SEP1; 5'-3' exoribonuclease 1; Strand-exchange protein 1 homolog
Gene Symbol	XRN1
Entrez Gene	54464(Human)
SwissProt	Q8IZH2(Human)

*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 XRN1 expression in HeLa (A) whole cell lysates. (Predicted band size: 194 kD; Observed band size: 194 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.