

DATASHEET

XRN2 Mouse Monoclonal Antibody(C3045)

CAT. NO. AMA02657

KEY FEATURES

Target	XRN2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Possesses 5'→3' exoribonuclease activity . May promote the termination of transcription by RNA polymerase II. During transcription termination, cleavage at the polyadenylation site liberates a 5' fragment which is subsequently processed to form the mature mRNA and a 3' fragment which remains attached to the elongating polymerase. The processive degradation of this 3' fragment by this protein may promote termination of transcription. Binds to RNA polymerase II (RNAP II) transcription termination R-loops formed by G-rich pause sites transcription termination R-loops formed by G-rich pause sites .

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
IHC	1:100 - 1:500

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to XRN2
Specificity	Recognizes endogenous levels of XRN2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human XRN2 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 109 kD; Observed: 100 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	5'-3' exoribonuclease 2; DHM1-like protein; DHP protein
Gene Symbol	XRN2
Entrez Gene	22803(Human)
SwissProt	Q9H0D6(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.

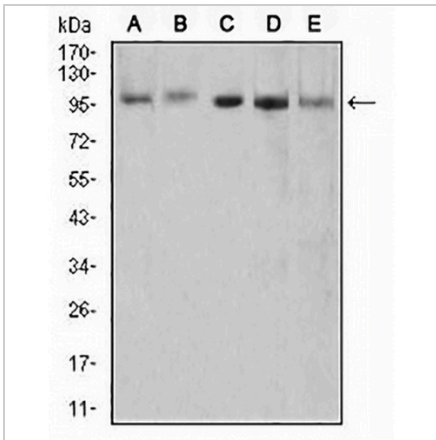
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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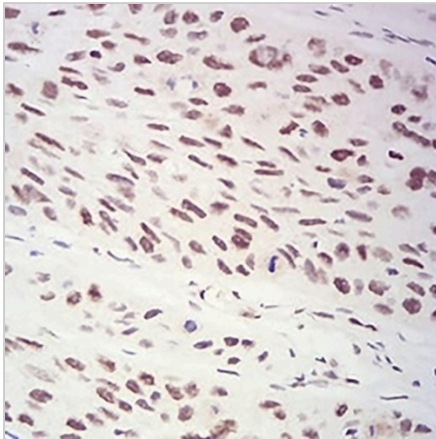
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Western blot analysis of XRN2 expression in HEK293 (A), NTERA2 (B), LNCap (C), HepG2 (D), PC3 (E) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 100 kD)



Immunohistochemical analysis of XRN2 staining in human esophageal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.