

## Anti-XRN1 Antibody

Catalog Number: M02855

### About XRN1

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. Binds to RNA and DNA (By similarity). Plays a role in replication-dependent histone mRNA degradation. May act as a tumor suppressor protein in osteogenic sarcoma (OGS).

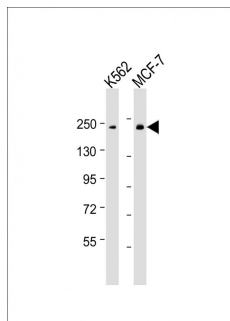
### Overview

Product Name	Anti-XRN1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-XRN1 Antibody (Catalog # M02855). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1647CT536.85.48
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q8IZH2

### Technical Details

Immunogen	This XRN1 antibody is generated from a mouse immunized with arecombinant protein between 1455-1706 amino acids from human XRN1.
Predicted Reactive Species	Rabbit
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

## Anti-XRN1 Antibody (M02855) Images



All lanes : Anti-XRN1 Antibody at 1:2000 dilution  
Lane 1: K562 whole cell lysate  
Lane 2: MCF-7 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 194 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

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### Anti-XRN1 Antibody

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