BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# 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).

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## Overview

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|---|---|
| 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

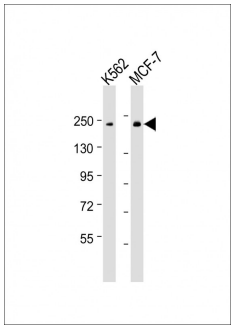
| | |
|---|---|
| Immunogen | This XRN1 antibody is generated from a mouse immunized with arecombinant protein between1455-1706 amino acids from human XRN1. |
| Predicted Reactive Species | Rabbit |
| Isotype | IgG1,k |
| Purification | This antibody is purified through a protein G column, followed by dialysis against PBS. |

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| Suggested Dilutions | WB: 1:2000 |

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# Anti-XRN1 Antibody (M02855) Images




All lanes : Anti-XRN1 Antibody at 1:2000 dilutionLane 1: K562 whole cell lysateLane 2: MCF-7 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 194 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-XRN1 Antibody

For Research Use Only. Not for use in diagnostic procedures.