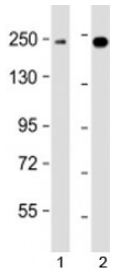
# XRN1 Antibody [clone 1647CT536.85.48] (F53814)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53814-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F53814-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | 1647CT536.85.48 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Q8IZH2 |
| **Applications** | Western blot: 1:1000-2000 |
| **Limitations** | This XRN1 antibody is available for research use only. |




Western blot testing of human 1) K562 and 2) MCF7 cell lysate with XRN1 antibody at 1:2000. Predicted molecular weight: 194 kDa.

## Description

5'-3' Exoribonuclease 1 is a 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).

## Application Notes

Titration of the XRN1 antibody may be required due to differences in protocols and substrate sensitivity.

## Immunogen

A human recombinant protein corresponding to amino acids 1455-1706 was used as the immunogen for the XRN1 antibody.

## Storage

Aliquot the XRN1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


Copyright © NSJ Bioreagents. All rights reserved.