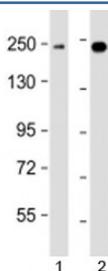


XRN1 Antibody [clone 1647CT536.85.48] (F53814)

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.