# antibodies -online.com





Datasheet for ABIN6242393

# anti-XRN1 antibody (AA 1455-1706)





Go to Product page

$\sim$						
	1//	Д	r۱	/1	$\triangle$	٨

Overview	
Quantity:	200 μL
Target:	XRN1
Binding Specificity:	AA 1455-1706
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XRN1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	This XRN1 antibody is generated from a mouse immunized with arecombinant protein between 1455-1706 amino acids from human XRN1.	
Clone:	1647CT536-85-48	
Isotype:	IgG1 kappa	
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.	

## **Target Details**

Target:	XRN1
Alternative Name:	XRN1 (XRN1 Products)
Background:	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).

Molecular Weight: 194107

UniProt: Q8IZH2

# **Application Details**

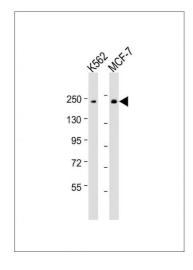
Application Notes: WB: 1:2000

Restrictions: For Research Use only

### Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

#### **Images**



#### **Western Blotting**

**Image 1.** 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 lgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 194 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.