

## Anti-XRN1 Antibody (9Y814)

## Product Details

Ig Type:	IgG1, k
Reactivity:	Human (predicted:Mouse)
Molecular Weight:	Theoretical: 193 kDa. Actual: 245 kDa.
Clone:	9Y814
Purification:	Protein G purified

## Applications

Sample:	Lane 1: K562 cell lysates Lane 2: MCF-7 cell lysates
Verified Activity:	Primary: Anti-XRN1 (TMAB-14224) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 193 kD Observed band size: 245 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: human XRN1 between 1455-1706 amino acids
Antigen Species:	Human
Gene ID:	54464
Uniprot ID:	Q8IZH2

## Research Background

This gene encodes a member of the 5'-3' exonuclease family. The encoded protein may be involved in replication-dependent histone mRNA degradation, and interacts directly with the enhancer of mRNA-decapping protein 4. In addition to mRNA metabolism, a similar protein in yeast has been implicated in a variety of nuclear and cytoplasmic functions, including homologous recombination, meiosis, telomere maintenance, and microtubule assembly. Mutations in this gene are associated with osteosarcoma, suggesting that the encoded protein may also play a role in bone formation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

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