

**XRN1 rabbit pAb****Cat#: orb773484 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	XRN1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	XRN1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	5'-3' exoribonuclease 1 (EC 3.1.11.-) (Strand-exchange protein 1 homolog)
<b>Gene Name</b>	XRN1 SEP1
<b>Cellular localization</b>	Cytoplasm . Discrete foci at the inner surface of the cell membrane.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
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<b>Observed band</b>	187kD
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<b>Human Gene ID</b>	54464
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<b>Human Swiss-Prot Number</b>	Q8IZH2
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<b>Alternative Names</b>	
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**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],