

Datasheet for ABIN2779146
anti-XRN1 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	XRN1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human XRN1
Sequence:	LPQEISQVNQ HHKSGFNDNS VKYQQRKHDP HRKFKEECKS PKAECWSQKM
Predicted Reactivity:	Cow: 92%, Dog: 93%, Guinea Pig: 79%, Horse: 90%, Human: 100%, Mouse: 86%, Pig: 85%, Rabbit: 100%, Rat: 100%, Yeast: 90%
Characteristics:	This is a rabbit polyclonal antibody against XRN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	XRN1
---------	------

Target Details

Alternative Name:	XRN1 (XRN1 Products)
Background:	<p>SEP1 (XRN1) localizes to cytoplasmic foci containing a complex of mRNA-degrading enzymes. In addition to mRNA metabolism, yeast Sep1 has been implicated in a variety of nuclear and cytoplasmic functions, including homologous recombination, meiosis, telomere maintenance, and microtubule assembly. SEP1 localizes to cytoplasmic foci containing a complex of mRNA-degrading enzymes. In addition to mRNA metabolism, yeast Sep1 has been implicated in a variety of nuclear and cytoplasmic functions, including homologous recombination, meiosis, telomere maintenance, and microtubule assembly. [supplied by OMIM].</p> <p>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-67 BX640905.1 1-67 68-5188 AY137776.1 1-5121 5189-5269 BG197321.1 308-388 5270-10092 AC023508.16 31718-36540 c</p> <p>Alias Symbols: DKFZp434P0721, DKFZp686B22225, DKFZp686F19113, FLJ41903, SEP1</p> <p>Protein Interaction Partner: ZFP36, UBC, RPA3, RPA2, RPA1, BMI1, HECW2, HERC2P4, RNF187, B3GALT6, EXOSC6, C1orf85, VWA5B2, MFSD5, PRADC1, ANGPTL6, PLEKHG2, SPATA20, C1GALT1, DCP1A, HEATR1, NDUFA13, EXOSC1, DPP7, RBMX, MTCH2, TMEM50A, CD97, ATP5G2, SNHG1, LINC01541, DCP1B, SRRM2, SKIV</p> <p>Protein Size: 1706</p>
Molecular Weight:	194 kDa
Gene ID:	54464
NCBI Accession:	NM_019001 , NP_061874
UniProt:	Q8IZH2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1706 AA
Restrictions:	For Research Use only

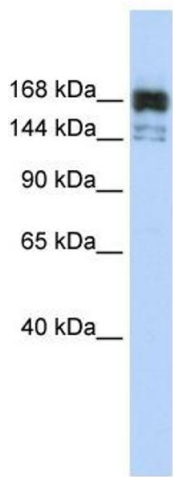
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-XRN1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate