

Rabbit anti-Human, Mouse XRN1 Polyclonal Antibody | anti-XRN1 antibody

Rabbit anti-XRN1 Antibody, Affinity Purified

CATALOG # AAA210952	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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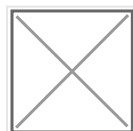
PRODUCT SYNONYMS

XRN1; Polyclonal Antibody; Rabbit anti-XRN1 Antibody; Affinity Purified; 5'-3' exoribonuclease 1; SEP1; strand-exchange protein 1 homolog; anti-XRN1 antibody

PRODUCT SPECIFICATIONS

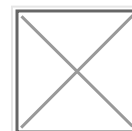
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-XRN1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1656 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



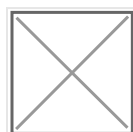
WB (Western Blot)

Detection of human XRN1 by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, K-562, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-XRN1 antibody (AAA210952 lot 5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse XRN1 by western blot. Samples: Whole cell lysate (10 ug) from CH27 and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-XRN1 antibody (AAA210952 lot 5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human XRN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-XRN1 antibody (AAA210952 lot 5) used for IP at 6 ug per reaction. XRN1 was also immunoprecipitated by a previous lot of this antibody (AAA210952 lot 4) and a second antibody against a different epitope of XRN1 (Antibody 2). For blotting immunoprecipitated XRN1, AAA210952 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-XRN1 antibody	5'-3' exoribonuclease 1 (XRN1) is a ribonuclease localized in the cytoplasm that functions in mRNA metabolism and is found in messenger ribonucleoprotein (mRNP) complexes. The mouse and yeast homologs of XRN1 are Dhm2 and SEP1 respectively. In a glial cell line, XRN1 is induced by glial cell line-derived growth factor (GDNF) and associates with microtubules. XRN1 has also been identified as a candidate tumor suppressor gene in osteogenic sarcoma.
Product Categories/Family for anti-XRN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	54464
UniProt Accession #	Q8IZH2
UniProt Protein Name	5'-3' exoribonuclease 1
UniProt Gene Name	XRN1
UniProt Synonym Gene Names	SEP1
UniProt Entry Name	XRN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xrn1-antibody-immunoprecipitation-western-blot-elisa/210952>