

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

Rabbit anti-PARN Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212226	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PARN; Polyclonal Antibody; Rabbit anti-PARN Antibody; Affinity Purified; deadenylation nuclease; polyadenylate-specific ribonuclease; poly(A)-specific ribonuclease PARN; DKCB6; deadenylating nuclease; DAN; PFBMFT4; Poly(A)-specific ribonuclease PARN; poly(A)-specific ribonuclease; anti-PARN 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-PARN antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 589 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 PARN by western blot. Samples: Whole cell lysate (10 ug) from LNCaP, MCF-7, Hep-G2, HeLa, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PARN antibody (AAA212226 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



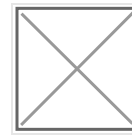
WB (Western Blot)

Detection of mouse PARN by western blot. Samples: Whole cell lysate (10 ug) from CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PARN antibody (AAA212226 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PARN by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PARN antibody (AAA212226 lot 2) used for IP at 6 ug per reaction. PARN was also immunoprecipitated by a previous lot of this antibody (AAA212226 lot 1) and a second antibody against a different epitope of PARN. For blotting immunoprecipitated PARN, AAA212226 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human PARN by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PARN (AAA212226 Lot 2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PARN antibody	Poly(A)-specific ribonuclease (PARN) is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. PARN prefers poly(A) as the substrate, hence, it efficiently degrades poly(A) tails of mRNAs. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs. PARN is also involved in silencing of certain maternal mRNAs during oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons [taken from NCBI Entrez Gene (Gene ID: 5073)].
Product Categories/Family for anti-PARN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505611
NCBI GeneID	5073
NCBI Accession #	NP_002573.1
NCBI GenBank Nucleotide #	NM_002582.3
UniProt Accession #	O95453; B2RCB3; B4DDG8; B4DWR4; B4E1H6
Molecular Weight	67,722 Da
NCBI Official Full Name	poly(A)-specific ribonuclease PARN isoform 1
NCBI Official Synonym Full Names	poly(A)-specific ribonuclease
NCBI Official Symbol	PARN
NCBI Official Synonym Symbols	DAN
NCBI Protein Information	poly(A)-specific ribonuclease PARN; poly(A)-specific ribonuclease PARN; deadenylating nuclease; deadenylation nuclease; polyadenylate-specific ribonuclease; poly(A)-specific ribonuclease (deadenylation nuclease)
UniProt Protein Name	Poly(A)-specific ribonuclease PARN
UniProt Gene Name	PARN
UniProt Synonym Gene Names	DAN
UniProt Entry Name	PARN_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/parn-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212226>