

Rabbit anti-Human Poly (A)-specific ribonuclease PARN Polyclonal Antibody | anti-PARN antibody

Rabbit anti-human Poly(A)-specific ribonuclease PARN polyclonal Antibody

CATALOG # AAA229257	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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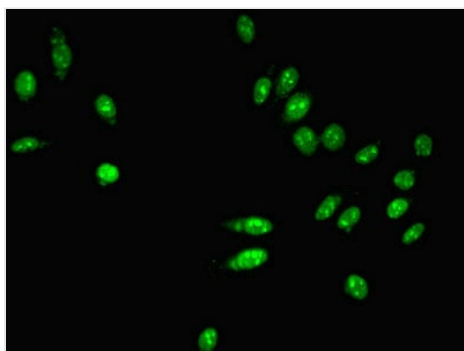
PRODUCT SYNONYMS

Poly (A)-specific ribonuclease PARN; Polyclonal Antibody; Rabbit anti-human Poly(A)-specific ribonuclease PARN polyclonal Antibody; PAM16 MAGMAS; TIM16; TIMM16 CGI-136; anti-PARN antibody

PRODUCT SPECIFICATIONS

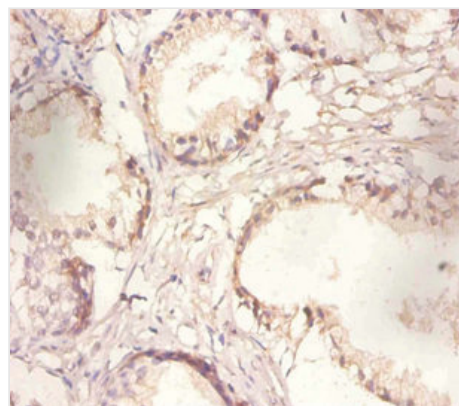
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	578
Applicable Applications for anti-PARN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Poly(A)-specific ribonuclease PARN protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47619 / sc-47618 / sc-135242
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



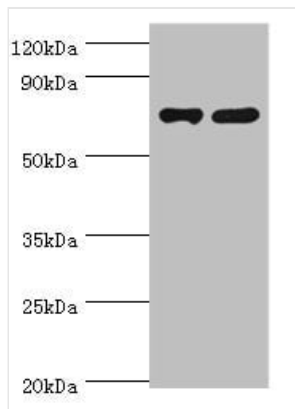
IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells using AAA229257 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA229257 at dilution of 1:50



WB (Western Blot)

Western blotAll lanes: Poly(A)-specific ribonuclease PARN antibody at 2ug/mL
Lane 1: Jurkat whole cell lysate
Lane 2: A431 whole cell lysate
SecondaryGoat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 74,67,68,53 kDa
Observed band size: 73 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PARN antibody	3'-exoribonuclease that has a preference for poly(A) tails of mRNAs, thereby efficiently degrading poly(A) tails. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs and is also used to silence certain maternal mRNAs translationally during oocyte maturation and early embryonic development. Interacts with both the 3'-end poly(A) tail and the 5'-end cap structure during degradation, the interaction with the cap structure being required for an efficient degradation of poly(A) tails. Involved in nonsense-mediated mRNA decay, a critical process of selective degradation of mRNAs that contain premature stop codons. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly via its interaction with KHSRP. Probably mediates the removal of poly(A) tails of AREs mRNAs, which constitutes the first step of destabilization. This protein is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. It prefers poly(A) as the substrate, hence, 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. This protein 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PARN antibody	Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	197333695
NCBI GeneID	5073
NCBI Accession #	NP_001127949.1
NCBI GenBank Nucleotide #	NM_001134477.2
UniProt Accession #	O95453; B2RCB3; B4DDG8; B4DSB0; B4DWR4; B4E1H6
Molecular Weight	52,989 Da
NCBI Official Full Name	poly(A)-specific ribonuclease PARN isoform 2
NCBI Official Synonym Full Names	poly(A)-specific ribonuclease
NCBI Official Symbol	PARN
NCBI Official Synonym Symbols	DAN; DKCB6; PFBMFT4
NCBI Protein Information	poly(A)-specific ribonuclease PARN

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/poly-a-specific-ribonuclease-parn-antibody-immunohistochemistry-western-blot-elisa/229257>