Datasheet for ABIN7163761

anti-PARN antibody (AA 1-639)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	PARN
Binding Specificity:	AA 1-639
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Poly(A)-specific ribonuclease PARN protein (1-639AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PARN
Alternative Name:	PARN (PARN Products)
Background:	Background: 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

Target Details

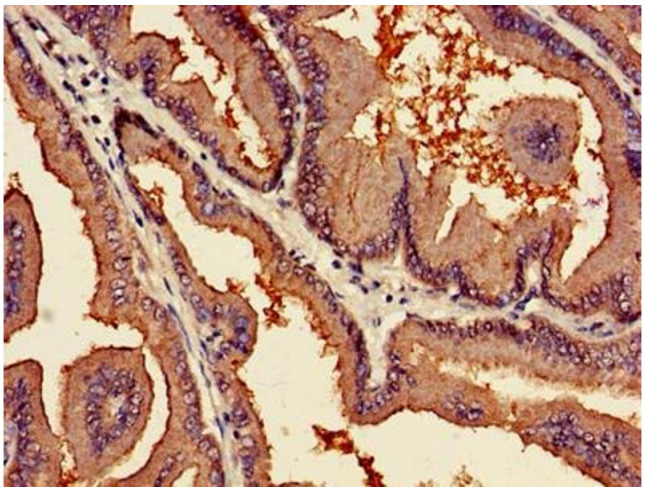
	step in the decay of eukaryotic mRNAs and is also used to silence certain maternal mRNAs translationally during oocyte maturation and early embryonic development. Interacts with both the 3\\\'-end poly(A) tail and the 5\\\'-end cap structure during degradation, the interaction with the cap structure 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. Aliases: DAN antibody, Deadenylating nuclease antibody, Deadenylation nuclease antibody, PARN antibody, PARN_HUMAN antibody, Poly A specific ribonuclease antibody, Poly(A) specific ribonuclease antibody, Poly(A)-specific ribonuclease PARN antibody, Polyadenylate specific ribonuclease antibody, Polyadenylate-specific ribonuclease antibody
UniProt:	O95453

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

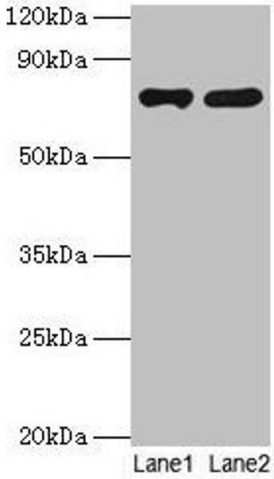
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



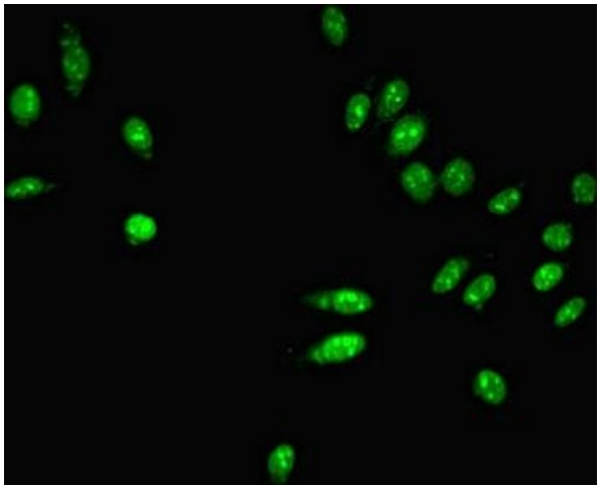
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7163761 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: PARN antibody at 2 µg/mL Lane 1: Jurkat whole cell lysate Lane 2: A431 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 74, 67, 68, 53 kDa Observed band size: 74 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of Hela cells using ABIN7163761 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

 Copyright antibodies-online. All rights reserved.