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anti-PARN antibody

2 Images



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Overview

Quantity:	200 μL
Target:	PARN
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human PARN (NP_002573.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PARN
Alternative Name:	PARN (PARN Products)
Background:	The protein encoded by this gene 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

Target Details

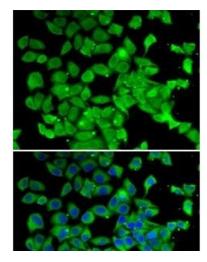
	oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 73 kDa Calculated_MW: 52 kDa/66 kDa/67 kDa/73 kDa
Gene ID:	5073
UniProt:	095453

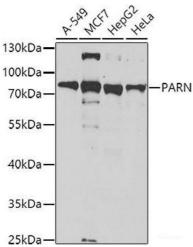
Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using PARN Polyclonal Antibody

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using PARN Polyclonal Antibody at dilution of 1:1000.