

Datasheet for ABIN7260933

**anti-PARN antibody****2** Images[Go to Product page](#)

## Overview

|              |   |
|--------------|---|
| Quantity:    | 200 µL  |
| Target:      | PARN  |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This PARN antibody is un-conjugated                 |
| Application: | Immunohistochemistry (IHC), 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 ( <a href="#">PARN Products</a> )  |
| 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.

Gene ID: 5073

UniProt: [O95453](#)

## Application Details

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

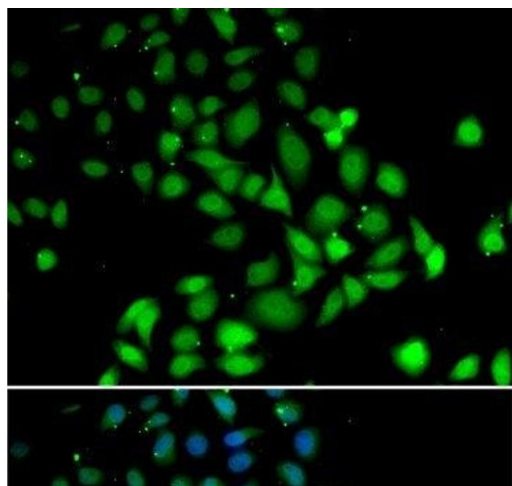
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

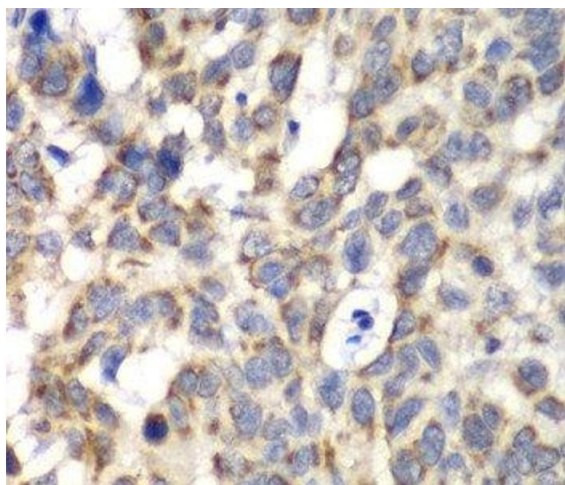
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using PARN Polyclonal Antibody



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human esophageal cancer using PARN Polyclonal Antibody at dilution of 1:100 (40x lens).