

PARN Rabbit Polyclonal Antibody



CAB4002

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

73kDa

Calculated MW:

52kDa/66kDa/67kDa/73kDa

Applications:

WB IHC IF

Reactivity:

Human

Protein 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 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.

Immunogen information

Gene ID:

5073

Uniprot

O95453

Synonyms:

PARN; DAN; DKCB6; PFBMFT4

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

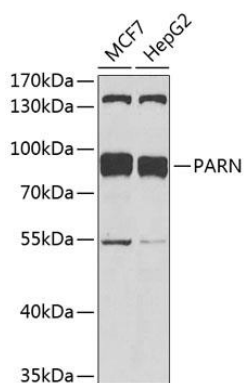
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human PARN (NP_002573.1).

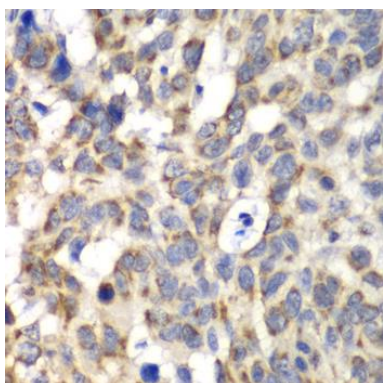
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

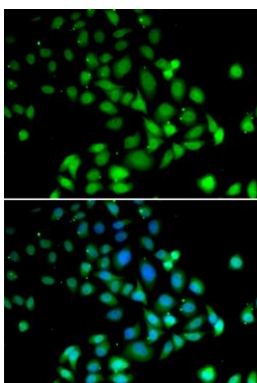
Product Images



Western blot analysis of extracts of various cell lines, using PARN antibody (CAB4002) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 150s.



Immunohistochemistry of paraffin-embedded human esophageal cancer using PARN antibody (CAB4002) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using PARN antibody (CAB4002). Blue: DAPI for nuclear staining.