

## anti- PAN2 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab06131   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| Clone ID:     | None  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### Background

Catalytic subunit of the poly(A)-nuclease(PAN) deadenylation complex, one of two cytoplasmic mRNA deadenylases involved in general and miRNA-mediated mRNA turnover. PAN specifically shortens poly(A) tails of RNA when the poly(A) stretch is bound by poly(A)-binding protein(PABP), which is followed by rapid degradation of the shortened mRNA tails by the CCR4-NOT complex. Deadenylated mRNAs are then degraded by two alternative mechanisms, namely exosome-mediated 3'-5' exonucleolytic degradation, or deadenylation-dependent mRNA decapping and subsequent 5'-3' exonucleolytic degradation by XRN1.

### Immunogen information

|              |  |
|--------------|--|
| Immunogen:   | PAN2 poly(A) specific ribonuclease subunit homolog( <i>S. cerevisiae</i> ) |
| Synonyms:    | KIAA0710, USP52  |
| Observed MW: | 127 kDa  |
| UniprotID :  | Q504Q3   |

### Application

|             |                   |
|-------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
|-------------|-------------------|

### Wuhan Fine Biotech Co., Ltd.

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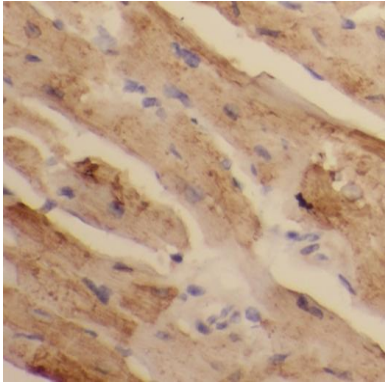
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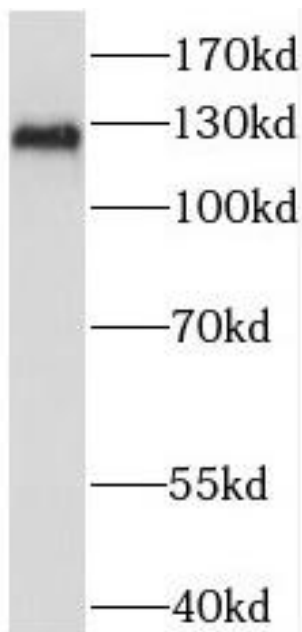
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart using FNab06131(PAN2 antibody) at dilution of 1:50



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab06131(PAN2 antibody) at dilution of 1:300

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