

# Profilin 1 antibody [N1C3]

**Cat. No. GTX102072**

|                     |                   |
|---------------------|-------------------|
| <b>Host</b>         | Rabbit            |
| <b>Clonality</b>    | Polyclonal        |
| <b>Isotype</b>      | IgG               |
| <b>Applications</b> | WB, ICC/IF, IHC-P |
| <b>Reactivity</b>   | Human, Mouse, Rat |

References ( 5 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | Assay dependent      |
| IHC-P              | 1:100-1:1000         |

Not tested in other applications.

**Calculated MW** 15 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| <b>Preservative</b>  | 0.01% Thimerosal                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.82 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human Profilin 1. The exact sequence is proprietary.                                                                                               |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

### Note

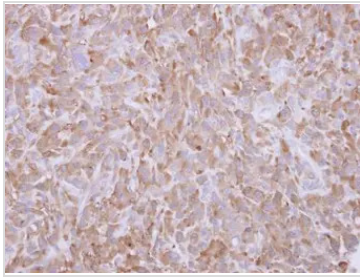
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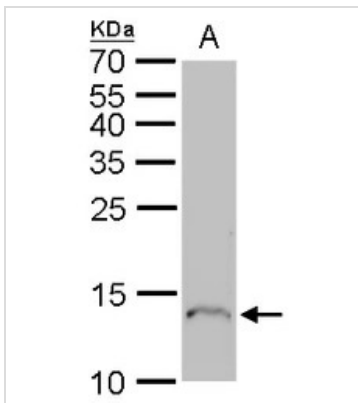
DATA IMAGES



**GTX102072 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded MDA-MB-231 xenograft, using Profilin 1 (GTX102072) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



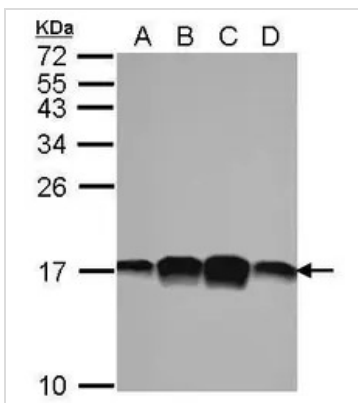
**GTX102072 WB Image**

Profilin 1 antibody detects Profilin 1 protein by Western blot analysis.

A. 50 µg mouse spleen lysate/extract

15 % SDS-PAGE

Profilin 1 antibody (GTX102072) dilution: 1:500



**GTX102072 WB Image**

Sample (30 ug of whole cell lysate)

A: 293T

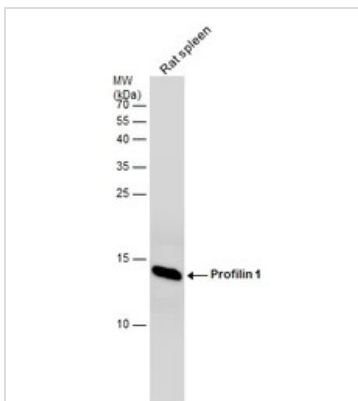
B: A431

C: HeLa

D: HepG2

15% SDS PAGE

GTX102072 diluted at 1:1000



**GTX102072 WB Image**

Rat tissue extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Profilin 1 antibody [N1C3] (GTX102072) diluted at 1:500.



For full product information, images and publications, please visit our [website](https://www.genetex.com).