

Cortactin antibody [N1], N-term

Cat. No. GTX100253

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

References (4)

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 | 1:100-1:1000 |
| IHC-P | 1:100-1:1000 |

Not tested in other applications.

Calculated MW 62 kDa. ([Note](#))

Properties

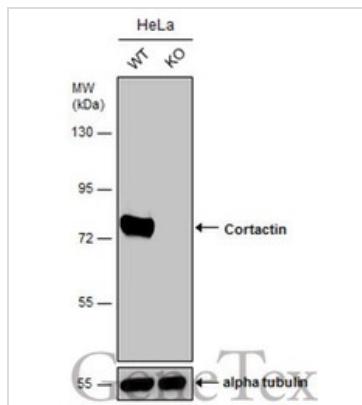
| | |
|---|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Cortactin. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |
| For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. | |
| Note | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |



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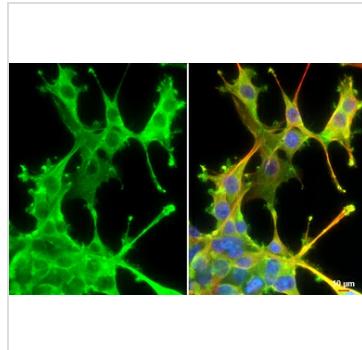
Date 2026 / 01 / 08 Page 1 of 2

DATA IMAGES



GTX100253 WB Image

Wild-type (WT) and Cortactin knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Cortactin antibody [N1], N-term (GTX100253) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX100253 ICC/IF Image

Cortactin antibody [N1], N-term detects Cortactin protein at cytoplasm and cell membrane by immunofluorescent analysis.

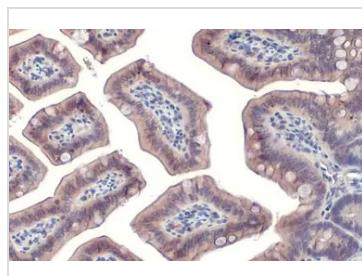
Sample: U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Cortactin stained by Cortactin antibody [N1], N-term (GTX100253) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Scale bar= 10µm.



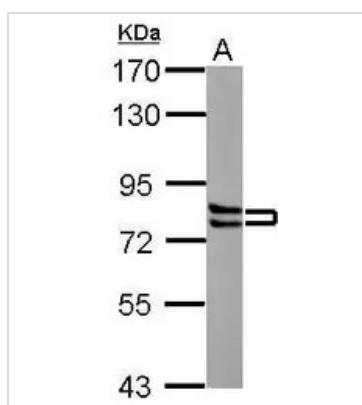
GTX100253 IHC-P Image

Cortactin antibody [N1], N-term detects Cortactin protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

Cortactin stained by Cortactin antibody [N1], N-term (GTX100253) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX100253 WB Image

Sample (30 µg of whole cell lysate)

A: PC-12

7.5% SDS PAGE

GTX100253 diluted at 1:3000



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Date 2026 / 01 / 08 Page 2 of 2