

# Product Datasheet

## Cortactin Antibody (2W5H9)

### NBP3-16813-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16813-100ul**

Cortactin Antibody (2W5H9)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2W5H9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 0.05% BSA, 50% glycerol, pH7.3
<b>Target Molecular Weight</b>	62 kDa

**Product Description**

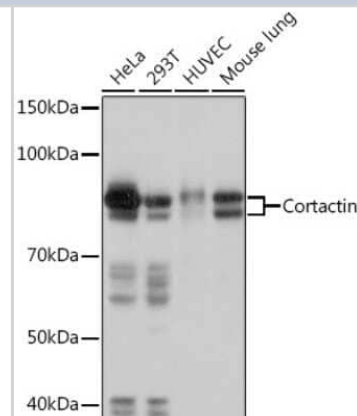
<b>Host</b>	Rabbit
<b>Gene ID</b>	2017
<b>Gene Symbol</b>	CTTN
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Cortactin (Q14247). MWKASAGHAVSIAQDDAGADDWETDPDFVNDVSEKEQRWGAKTVQGSGHQ EHINIHKLRENVFQEHQTLKEKELETGPKASHGYGGKFGVEQDRMDKSAV

**Product Application Details**

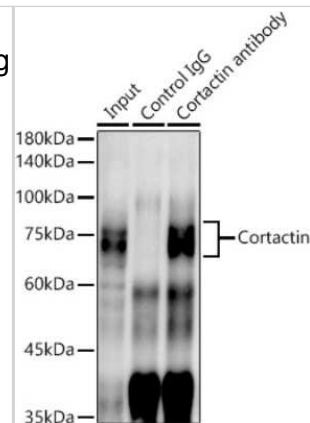
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 400µg-600µg extracts of whole cells, Immunohistochemistry-Paraffin 1:50 - 1:200

**Images**

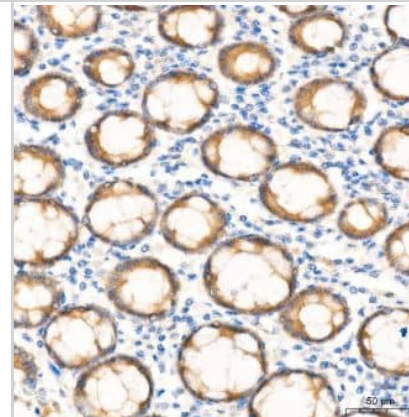
Western Blot: Cortactin Antibody (2W5H9) [NBP3-16813] - Western blot analysis of extracts of various cell lines, using Cortactin Rabbit mAb (NBP3-16813) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



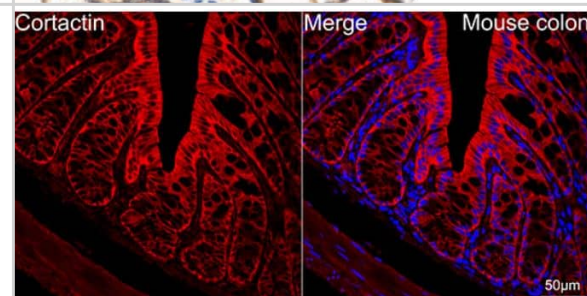
**Immunoprecipitation: Cortactin Antibody (2W5H9) [NBP3-16813]** - Immunoprecipitation analysis of 600ug extracts of Mouse lung cells using 3ug Cortactin antibody (NBP3-16813). Western blot was performed from the immunoprecipitate using Cortactin antibody (NBP3-16813) at a dilution of 1:1000.



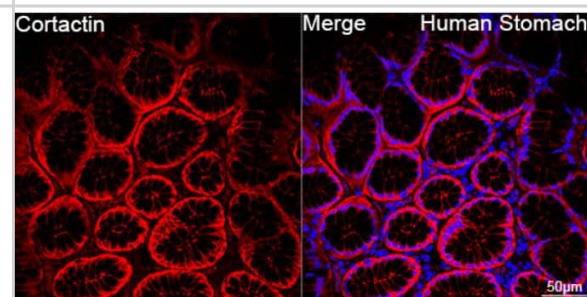
**Immunohistochemistry-Paraffin: Cortactin Antibody (2W5H9) [NBP3-16813]** -Human colon tissue using Cortactin Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



**Immunohistochemistry-Paraffin: Cortactin Antibody (2W5H9) [NBP3-16813]** -Confocal imaging of paraffin-embedded Mouse colon tissue using Cortactin Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



**Immunohistochemistry-Paraffin: Cortactin Antibody (2W5H9) [NBP3-16813]** -Confocal imaging of paraffin-embedded Human stomach tissue using Cortactin Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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### **Products Related to NBP3-16813-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002017-P01-10ug	Recombinant Human Cortactin GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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