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**Product Name: Cortactin Rabbit Monoclonal Antibody****Catalog #: AMRe85446**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.62mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 62 kDa; Observed MW: 80-85 kDa

**Antigen Information**

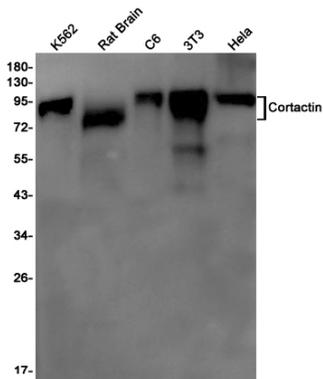
<b>Gene Name</b>	Cortactin
<b>Alternative Names</b>	CTTN; EMS1; Src substrate cortactin; Amplaxin; Oncogene EMS1
<b>Gene ID</b>	2017.0
<b>SwissProt ID</b>	Q14247
<b>Immunogen</b>	A synthetic peptide of human Cortactin

**Background**

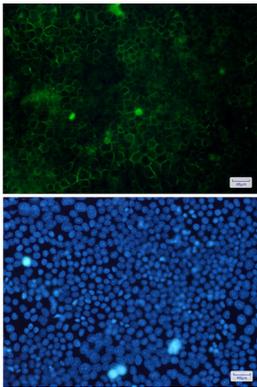
Cortactin a cytoskeletal protein that that is involved in coordinating actin reorganization during cell movement. Localizes at the leading edge of lamellipodia during cell migration. Its amino-terminal acidic domain associates with the Arp2/3 and WASP complex at F-actin branches.

## Research Area

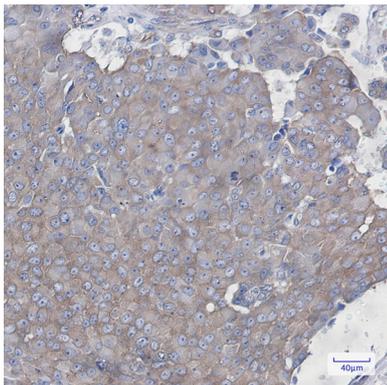
## Image Data



Western blot analysis of Cortactin in K562, rat Brain, C6, 3T3, HeLa lysates using Cortactin antibody.



Immunocytochemistry analysis of Cortactin (green) in HeLa using Cortactin antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cortactin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.