

## Rabbit Cortactin Polyclonal Antibody | anti-CTTN antibody

Cortactin (Acetyl-Lys235) Rabbit Polyclonal Antibody

|                               |                       |                                        |                                            |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA319024</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

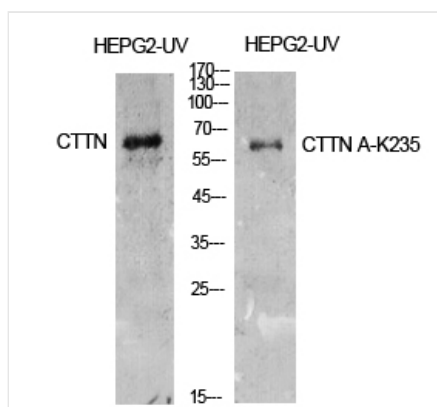
### PRODUCT SYNONYMS

Cortactin; Polyclonal Antibody; Cortactin (Acetyl-Lys235) Rabbit Polyclonal Antibody; CTTN; EMS1; Src substrate cortactin; Amplexin; Oncogene EMS1; BH6842; anti-CTTN antibody

### PRODUCT SPECIFICATIONS

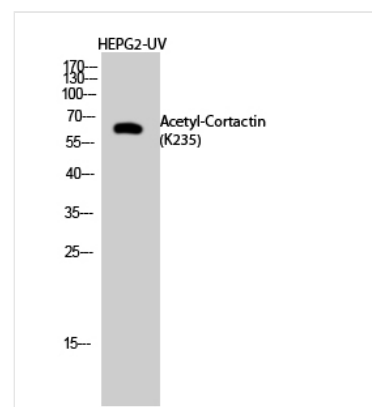
|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | Acetyl-Cortactin (K235) Polyclonal Antibody detects endogenous levels of Cortactin protein only when acetylation at K235. |
| Purity/Purification                            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     |
| Form/Format                                    | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                   |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                    |
| Applicable Applications for anti-CTTN antibody | ELISA, WB (Western Blot)                                                                                                  |
| Immunogen                                      | Synthesized acetyl-peptide derived from the Internal region of human Cortactin around the acetylation site of K235.       |
| Modification                                   | Acetyl Specific                                                                                                           |
| Preparation and Storage                        | Store at -20 degree C/1 year                                                                                              |

### IMAGES



#### WB (Western Blot)

Western Blot analysis of HepG2-UV cells using Acetyl-Cortactin (K235) Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



#### WB (Western Blot)

Western Blot analysis of HEPG2-UV cells using Acetyl-Cortactin (K235) Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CTTN antibody | cortactin (CTTN) Homo sapiens This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. The encoded protein is localized in the Cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. During apoptosis, the encoded protein is degraded in a caspase-dependent manner. The aberrant regulation of this gene contributes to tumor cell invasion and metastasis. Three splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq, May 2010] |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 296080746                                                                                                                                                   |
| NCBI GeneID                      | 2017                                                                                                                                                        |
| NCBI Accession #                 | NP_001171669.1                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001184740.1                                                                                                                                              |
| UniProt Accession #              | Q14247; Q8N707; Q96H99; AAB26248                                                                                                                            |
| Molecular Weight                 | 61,586 Da                                                                                                                                                   |
| NCBI Official Full Name          | src substrate cortactin isoform c                                                                                                                           |
| NCBI Official Synonym Full Names | cortactin                                                                                                                                                   |
| NCBI Official Symbol             | CTTN                                                                                                                                                        |
| NCBI Official Synonym Symbols    | EMS1                                                                                                                                                        |
| NCBI Protein Information         | src substrate cortactin; amplaxin; 1110020L01Rik; oncogene EMS1; ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate) |
| UniProt Protein Name             | Src substrate cortactin                                                                                                                                     |
| UniProt Gene Name                | CTTN                                                                                                                                                        |
| UniProt Synonym Gene Names       | EMS1                                                                                                                                                        |
| UniProt Entry Name               | SRC8_HUMAN                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.