

Cortactin Antibody | anti-CTTN antibody

Cortactin (Phospho-Tyr466) Antibody

CATALOG # AAA109686	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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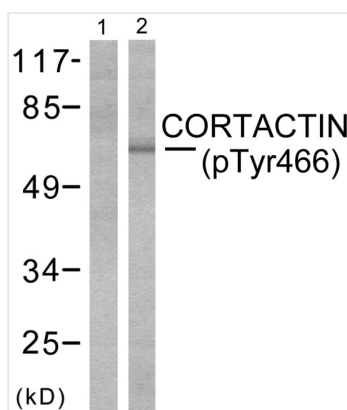
PRODUCT SYNONYMS

Cortactin; Cortactin (Phospho-Tyr466) Antibody; Amplaxin; EMS1; Oncogene EMS1; SRC8; Src substrate cortactin; anti-CTTN antibody

PRODUCT SPECIFICATIONS

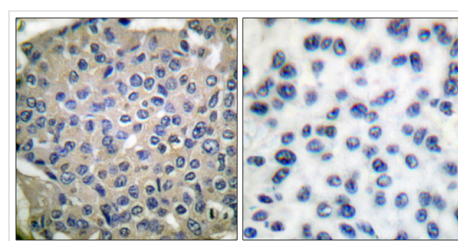
Reactivity	Human, Mouse, Rat
Specificity	Cortactin (phospho-Tyr466) antibody detects endogenous levels of Cortactin only when phosphorylated at tyrosine 466.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	634
Applicable Applications for anti-CTTN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Cortactin around the phosphorylation site of tyrosine 466 (P-V-YP-E-T).
All Sites	Human: Tyr470 Mouse: Tyr466 Rat: Tyr428
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from cos-7 cells using Cortactin (phospho-Tyr466) antibody (Line 1 and 2).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Cortactin (phospho-Tyr466) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CTTN antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Julie A. Head, Mol. Biol. Cell, Aug 2003; 14: 3216. Cherry Luo, J. Biol. Chem., Oct 2006; 281: 30081-30093. Jianwei Zhu, J. Biol. Chem., Apr 2007; 10.1074. David Hattan, J. Biol. Chem., Oct 2002; 277: 38596-38606.

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
Molecular Weight	57,467 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
UniProt Protein Name	Src substrate cortactin
UniProt Gene Name	CTTN
UniProt Synonym Gene Names	EMS1

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.

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Online datasheet: <https://stage.aaabiotech.com/cttn-human-mouse-rat-antibody/cortactin/109686>