Rabbit anti-Human, Mouse Cortactin Polyclonal Antibody | anti-CTTN antibody

Cortactin (Phospho-Tyr466) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304119	**Rabbit**	**Human, Mouse**	**Western Blot**

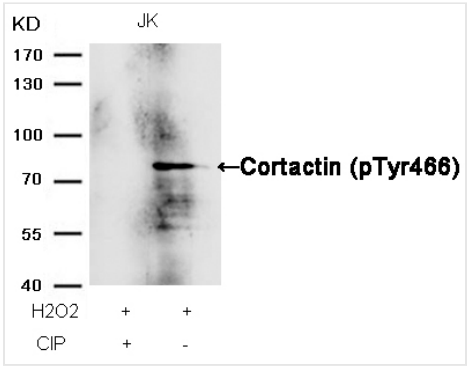
PRODUCT SYNONYMS

Cortactin; Polyclonal Antibody; Cortactin (Phospho-Tyr466) Antibody; Amplaxin; CTTN; EMS1; SRC8; anti-CTTN antibody

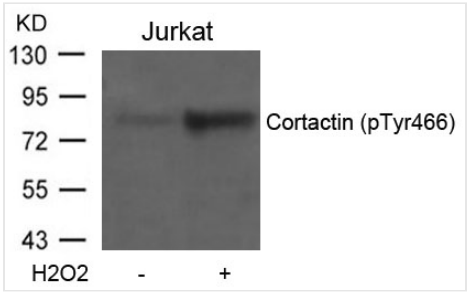
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of Cortactin only when phosphorylated at tyrosine 466.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	634
Applicable Applications for anti-CTTN antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 466 (P-V-Y(p)-E-T) derived from Human CORTACTIN.
Modification	Phospho-Tyr466
Target Name	Cortactin
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from JK cells, treated with H2O2 or calf intestinal phosphatase (CIP), using Cortactin (Phospho-Tyr466) Antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells untreated or treated with H2O2 using Cortactin(Phospho-Tyr466) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CTTN antibody	Cortactin 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. Two splice variants that encode different isoforms have been identified for this gene.
Product Categories/Family for anti-CTTN antibody	Phospho-specific Ab

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	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
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.