

Product datasheet for TA362544

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Cortactin (CTTN) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human CTTN

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 71 kDa

Gene Name: cortactin

Database Link: NP 001171669.1

Entrez Gene 2017 Human

Q14247-2



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Background: This gene is overexpressed in breast cancer and squamous cell carcinomas of the head and

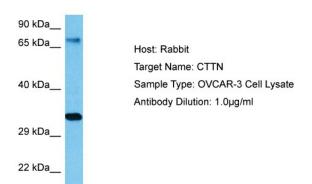
neck. The encoded protein is localized in the cytoplasm and in areas of the cell-substratum contacts. This gene has two roles: (1) regulating the interactions between components of adherens-type junctions and (2) organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. 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.

Synonyms: 1110020L01Rik; Amplaxin; cortactin; EMS1; FLJ34459

Protein Families: Druggable Genome

Protein Pathways: Pathogenic Escherichia coli infection, Tight junction

Product images:



Host: Rabbit Target Name: CTTN

Sample Tissue: Human OVCAR-3 Whole Cell

lysates

Antibody Dilution: 1ug/ml