

OriGene Technologies, Inc.

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Product datasheet for TA362545

Cortactin (CTTN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	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:	<u>NP_001171669.1</u> <u>Entrez Gene 2017 Human</u> <u>Q14247-2</u>

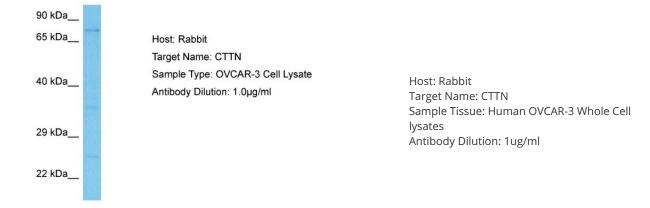


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Cortactin (CTTN) Rabbit Polyclonal Antibody – TA362545

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:



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