

bs-14000R**[Primary Antibody]****phospho-Cortactin (Tyr421) Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow, Horse) Predicted MW.: 62 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 2017	SWISS: Q14247	
Target: phospho-Cortactin (Tyr421)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Cortactin around the phosphorylation site of Tyr421: PV(p-Y)ED.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq, May 2010]		