

**bs-2760R****[ Primary Antibody ]****Cortactin Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>ELISA</b> (1:5000-10000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2017	<b>SWISS:</b> Q14247	<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Cow, Chicken, Dog, Horse)
<b>Target:</b> Cortactin		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Cortactin: 481-550/550.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 61 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm
<b>Storage:</b> 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.		
<b>Background:</b> 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]		

**— SELECTED CITATIONS —**

- **[IF=9.685]** Huang, Yutang. et al. Ct-OATP1B3 promotes high-grade serous ovarian cancer metastasis by regulation of fatty acid beta-oxidation and oxidative phosphorylation. CELL DEATH DIS. 2022 Jun;13(6):1-13 IF ;Human. 35717493