

bs-4274R**[Primary Antibody]****DBC2 Rabbit pAb****Bioss**
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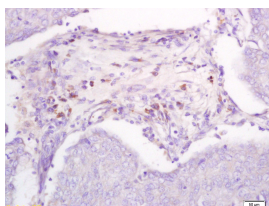
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 23221 Target: DBC2 Immunogen: KLH conjugated synthetic peptide derived from human DBC2: 631-727/727. 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: DBC2 is a member of the recently identified RhoBTB family, which is part of the Rho GTPase family. DBC2 has been implicated as a tumor suppressor in breast and lung cancer. Studies have shown that DBC2 binds to the ubiquitin ligase scaffold Cul3, and that Cul3 regulates DBC2 protein levels by ubiquitinating DBC2 directly, leading to its degradation by the proteasome.	Isotype: IgG SWISS: Q9BYZ6 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Horse) Predicted MW.: 83 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-DBC2 Polyclonal Antibody, Unconjugated(bs-4274R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=7.032]** Hyun Jeong Seok. et al. Novel miR-5088-5p promotes malignancy of breast cancer by inhibiting DBC2. Mol Ther-Nucl Acids. 2021 May;: IHC ;Mouse, Human. 10.1016/j.omtn.2021.05.004