

CAB3044

Product Information

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| Product SKU: | CAB3044 | Gene ID: | 999 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human, Mouse |

Additional Information

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| Observed MW: | 125kDa | Conjugate: | Unconjugated |
| Calculated MW: | 97kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16. |
| Recommended Dilution: | WB, 1:500 - 1:2000 IHC-P, 1:50 - 1:200 |
| Synonyms: | UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324; E-Cadherin |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 373-622 of human E-Cadherin (NP_004351.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3. |