E-Cadherin Polyclonal Antibody

Catalog Number:E-AB-40285 2 Publications

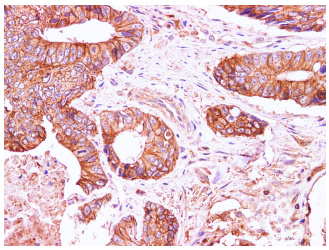
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

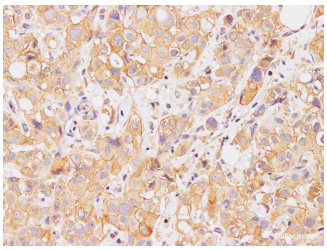
Reactivity	Human
Immunogen	Recombinant Human Cadherin-1 protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Applications	Recommended Dilution
IHC	1:100-1:400

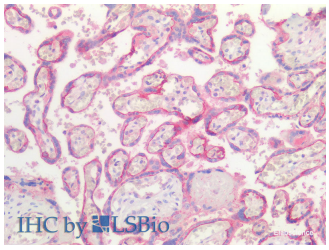
Data



Immunohistochemistry of paraffin-embedded Human carcinoma of Colon using E-Cadherin Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human breast cancer using E-Cadherin Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human Placenta using E-Cadherin Polyclonal Antibody at dilution of 1:100(Elabscience® Product Detected by Lifespan).

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein 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 is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The

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ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites.

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