

CTTN

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 61kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CTTN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

EMS1;

Catalog #: A5795

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2017

Isotype: IgG

Swiss Prot: Q14247

Purity: Affinity purification

For research use only.

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.

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