

## 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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