

CTTN rabbit monoclonal antibody

Catalog # H00002017-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CTTN peptide using ARM Technology.
Immunogen	A synthetic peptide of human CTTN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CTTN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CTTN

Entrez GeneID [2017](#)

GeneBank Accession# [CTTN](#)

Gene Name CTTN

Gene Alias EMS1, FLJ34459

Gene Description cortactin

Omim ID [164765](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Two splice variants that encode different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations 1110020L01Rik|ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate)|oncogene EMS1

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Tight junction](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)