

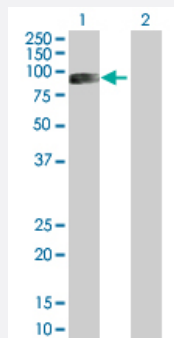
MaxPab®

CTTN purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002017-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CTTN expression in transfected 293T cell line ([H00002017-T01](#)) by CTTN MaxPab polyclonal antibody.

Lane 1: CTTN transfected lysate (57.50 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CTTN protein.

Immunogen

CTTN (NP_612632.1, 1 a.a. ~ 513 a.a) full-length human protein.

Sequence

MWKASAGHAVSIAQDDAGADDWETDPDFVNDVSEKEQRWGAKTVQGSGHQEHINHLRENVF
QEHQTLKEKELETGPKASHGYGGKFGVEQDRMDKSAVGHEYQSKLSKHCSQVDSVRGFGGKF
GVQMDRVDQSAVGFEYQGKTEKHASQKDYSSGFGGKYGVQADRVDKSAVGFDYQGKTEKHES
QRDYSKGFGGKYGIDKDKVDKSAVGFEYQGKTEKHESQKDYVKGFGGKFGVQTDQRQDKCALG
WDHQEKLQLHESQKDYSGFGGKYGVQKDRMDKNASTFEDVTQVSSAYQKTPVEAVTSKTSN
IRANFENLAKEKEQEDRRKAEAERAQRMAREQEEARRKLEEQARAKTQTPPVSPAPQPTE
ERLPSSPVYEDAASFKAELSYRGPVSGTEPEPVYSMEAADYREASSQQGLAYATEAVYESAEAP
GHYPAEDSTYDEYENDLGITAVALYDYQAAGDDEISFDPPDIITNIEMIDGWWRGVCKGRYGLFP
ANYVELRQ

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — CTTN

Entrez GeneID [2017](#)

GeneBank Accession# [NM_138565.1](#)

Protein Accession# [NP_612632.1](#)

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](#)