

Rabbit CTTN Polyclonal Antibody | anti-CTTN antibody

CTTN Antibody (Center)

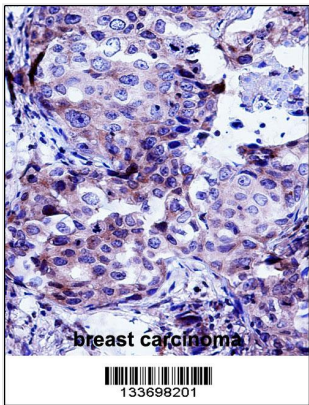
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289805	Rabbit	Human (Predicted Reactivity: Chicken)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

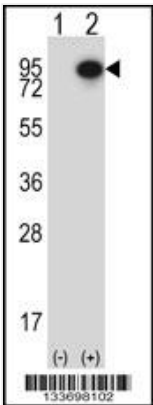
CTTN; Polyclonal Antibody; CTTN Antibody (Center); Src substrate cortactin; Amplexin; Oncogene EMS1; EMS1; anti-CTTN antibody

PRODUCT SPECIFICATIONS

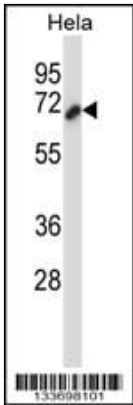
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CTTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-302 amino acids from the Central region of human CTTN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	273-302
Sequence Length	513
Applicable Applications for anti-CTTN antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
CTTN Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CTTN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CTTN (arrow) using rabbit polyclonal CTTN Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CTTN gene.



WB (Western Blot)
CTTN Antibody (Center) western blot analysis in HeLa cell line lysates (35ug/lane).This demonstrates the CTTN antibody detected the CTTN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CTTN antibody	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.
Product Categories/Family for anti-CTTN antibody	Cancer; Signal Transduction
References	Croucher, D.R., et al. Mol. Cell. Biol. 30(21):5057-5070(2010) Eiseler, T., et al. J. Biol. Chem. 285(24):18672-18683(2010) Xu, X.Z., et al. Mod. Pathol. 23(2):187-196(2010) Saitoh, Y., et al. Int. J. Oncol. 35(6):1277-1288(2009) Hirakawa, H., et al. Int. J. Oncol. 35(6):1271-1276(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080746
NCBI GeneID	2017
NCBI Accession #	NP_001171669.1; NP_005222.2; NP_612632.1
NCBI GenBank Nucleotide #	NM_001184740.1
UniProt Accession #	Q14247; Q8N707; Q96H99; AAB26248
Molecular Weight	61586
NCBI Official Full Name	src substrate cortactin isoform c
NCBI Official Synonym Full Names	cortactin
NCBI Official Symbol	CTTN
NCBI Official Synonym Symbols	EMS1
NCBI Protein Information	src substrate cortactin
UniProt Protein Name	Src substrate cortactin
UniProt Gene Name	CTTN
UniProt Synonym Gene Names	EMS1
UniProt Entry Name	SRC8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cttn-antibody-immunohistochemistry-western-blot-elisa/289805>