

Rabbit CTTN Polyclonal Antibody | anti-CTTN antibody

CTTN antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200207	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

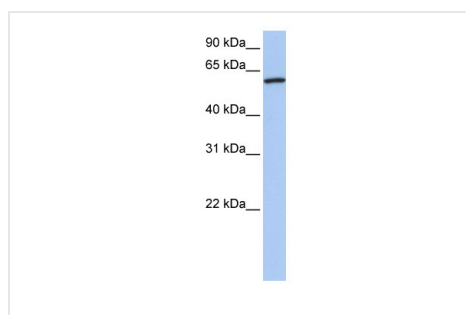
PRODUCT SYNONYMS

CTTN; Polyclonal Antibody; CTTN antibody - N-terminal region; anti-CTTN antibody

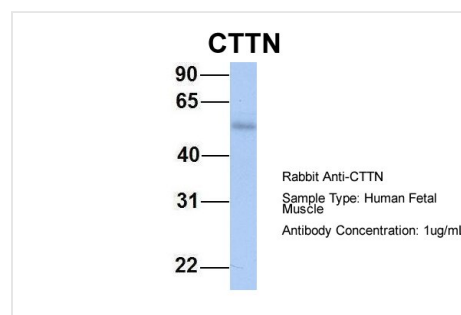
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KH CSQVDSVRGF GKGFGVQMDR VDQSAVGFEY QGKTEKHSQ KDYSSGFG
Sequence Length	550
Applicable Applications for anti-CTTN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CTTN
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

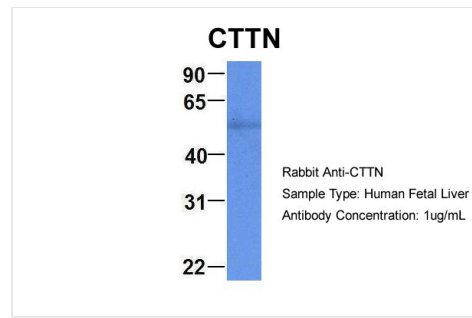
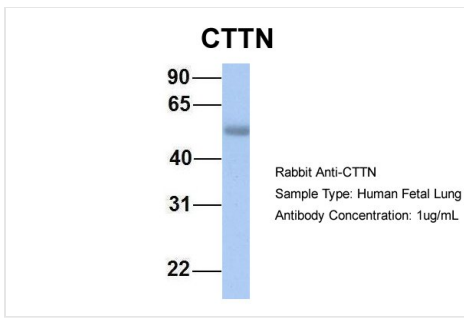
IMAGES


WB (Western Blot)

WB Suggested Anti-CTTN Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain


WB (Western Blot)

Host: Rabbit Target Name: CTTN Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml

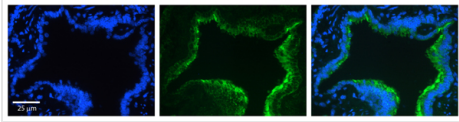


WB (Western Blot)

Host: RabbitTarget Name: CTTNSample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: RabbitTarget Name: CTTNSample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

CTTN antibody - N-terminal regionFormalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial TissueObserved Staining: Cytoplasm and membrane of bronchial epithelial tissuePrimary Antibody Concentration: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CTTN antibody

This is a rabbit polyclonal antibody against CTTN. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: CTTN is overexpressed in breast cancer and squamous cell carcinomas of the head and neck. CTTN is localized in the cytoplasm and in areas of the cell-substratum contacts. It 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, CTTN is degraded in a caspase-dependent manner. The aberrant regulation of t CTTN contributes to tumor cell invasion and metastasis.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.

Product Categories/Family for anti-CTTN antibody

Polyclonal; Apoptosis; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	20357552
NCBI GeneID	2017
NCBI Accession #	NP_005222
NCBI GenBank Nucleotide #	NM_005231
UniProt Accession #	Q8N707; Q14247
Molecular Weight	61kDa
NCBI Official Full Name	src substrate cortactin isoform a
NCBI Official Synonym Full Names	cortactin
NCBI Official Symbol	CTTN

NCBI Official Synonym Symbols	EMS1
NCBI Protein Information	src substrate cortactin

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/200207>