

Rabbit CTHRC1 Polyclonal Antibody | anti-CTHRC1 antibody

CTHRC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40685	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

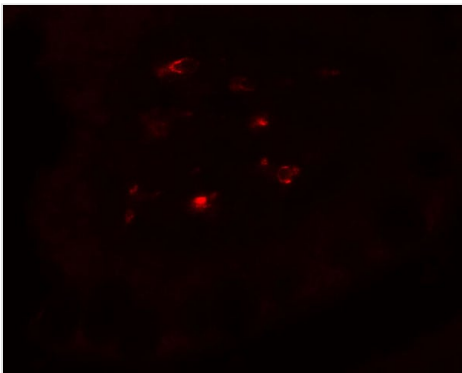
PRODUCT SYNONYMS

CTHRC1; Polyclonal Antibody; CTHRC1 Antibody; Collagen triple helix repeat-containing protein 1; anti-CTHRC1 antibody

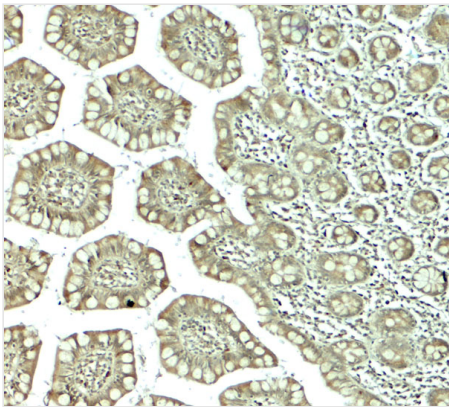
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CTHRC1 antibody is human, mouse and rat reactive. At least two isoforms of CTHRC1 are known to exist; this antibody will detect only the larger isoform.
Purity/Purification	CTHRC1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	243
Applicable Applications for anti-CTHRC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CTHRC1 antibody was raised against a 19 amino acid peptide near the amino terminus of human CTHRC1.
Buffer	CTHRC1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CTHRC1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

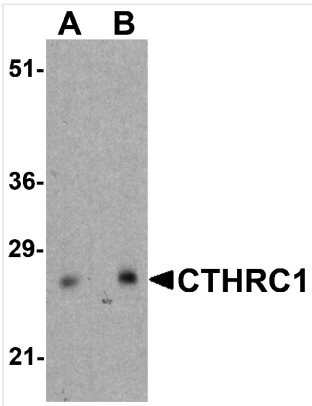
IMAGES



IF (Immunofluorescence)
Immunofluorescence of CTHRC1 in human small intestine tissue with CTHRC1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of CTHRC1 in human small intestine tissue with CTHRC1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CTHRC1 in rat small intestine tissue lysate with CTHRC1 antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CTHRC1 antibody

The Collagen triple helix repeat-containing protein (CTHRC1) is a glycosylated, secreted protein that is transiently expressed in the arterial wall in response to injury where it is thought to contribute to vascular remodeling by inhibiting collagen expression and deposition and promoting cell migration (1). CTHRC1 is highly expressed multiple human cancers, including pancreatic cancer where it plays a significant role in the progression and metastasis of the disease by regulating migration and adhesion of tumors cells (2). CTHRC1 overexpression can also be used as an independent prognostic marker in gastric cancer (3). Mutations at this locus have been associated with Barrett esophagus and esophageal adenocarcinoma (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923989
NCBI GeneID	115908
NCBI Accession #	NP_612464
NCBI GenBank Nucleotide #	NM_138455.3
UniProt Accession #	Q96CG8; Q6UW91; Q8IX63; G3V141
Molecular Weight	Predicted: 27 kDa Observed: 27 kDa

NCBI Official Full Name	collagen triple helix repeat-containing protein 1 isoform 1
NCBI Official Synonym Full Names	collagen triple helix repeat containing 1
NCBI Official Symbol	CTHRC1
NCBI Protein Information	collagen triple helix repeat-containing protein 1
UniProt Protein Name	Collagen triple helix repeat-containing protein 1
UniProt Gene Name	CTHRC1
UniProt Entry Name	CTHR1_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/cthrc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40685>