

## Rabbit anti-Human CTHRC1 Polyclonal Antibody | anti-CTHRC1 antibody

CTHRC1 Antibody (N-term)

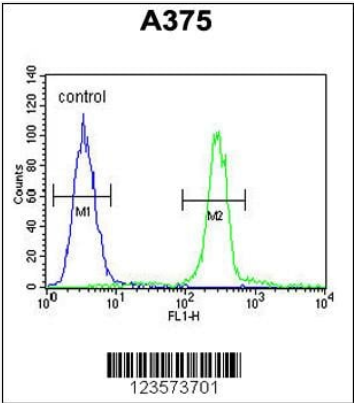
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA284286 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

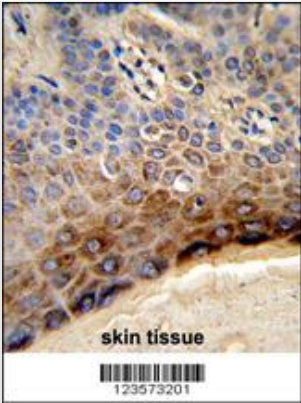
CTHRC1; Polyclonal Antibody; CTHRC1 Antibody (N-term); Collagen triple helix repeat-containing protein 1; Protein NMTC1; anti-CTHRC1 antibody

### PRODUCT SPECIFICATIONS

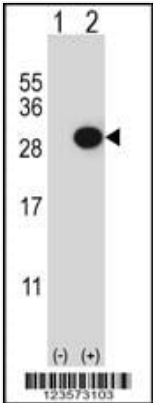
|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This CTHRC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-46 amino acids from the N-terminal region of human CTHRC1.       |
| 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: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 19-46                                                                                                                                                                        |
| Sequence Length                                  | 229                                                                                                                                                                          |
| Applicable Applications for anti-CTHRC1 antibody | FCM/FACS (Flow Cytometry), 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.                       |



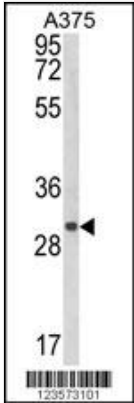
**FCM/FACS (Flow Cytometry)**  
CTHRC1 Antibody (N-term) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human skin tissue reacted with CTHRC1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of CTHRC1 (arrow) using rabbit polyclonal CTHRC1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CTHRC1 gene.



**WB (Western Blot)**  
Western blot analysis of CTHRC1 Antibody (N-term) in A375 cell line lysates (35ug/lane). CTHRC1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------|
| Related Product Information for anti-CTHRC1 antibody | CTHRC1 may act as a negative regulator of collagen matrix deposition (By similarity). |
| Product Categories/Family for anti-CTHRC1 antibody   | Cancer; Cardiovascular; Signal transduction                                           |
| References                                           | Clark,H.F., et.al., Genome Res. 13 (10), 2265-2270 (2003)                             |

NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 368711292                      |
| NCBI GeneID               | 115908                         |
| NCBI Accession #          | NP_001243028.1; NP_612464.1    |
| NCBI GenBank Nucleotide # | NM_001256099.1                 |
| UniProt Accession #       | Q96CG8; Q6UW91; Q8IX63; G3V141 |
| Molecular Weight          | 26224                          |

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI Official Full Name          | collagen triple helix repeat-containing protein 1 isoform 2 |
| 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                | <b>CTHRC1</b>                                               |
| 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://www.aaabiotech.com/polyclonal/cthrc1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284286>