

CTHRC1 Polyclonal Antibody

Catalog NumberPA5-38054

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	19 amino acid peptide near the amino terminus of human CTHRC1	Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	1-2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A recommended positive control is rat small intestine tissue lysate. At least two isoforms of CTHRC1 are known to exist; this antibody will detect only the larger isoform.

Background/Target Information

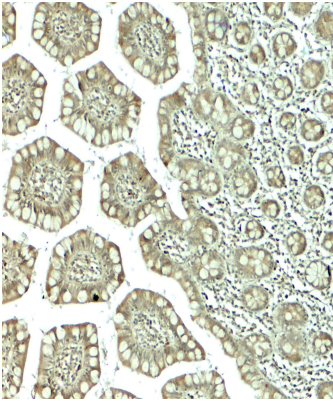
The Collagen triple helix repeat-containing protein (CTHRC1) is a glycosylated, secreted protein that is transiently expressed in the arterial wall in response to injury where it is thought to contribute to vascular remodeling by inhibiting collagen expression and deposition and promoting cell migration. 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. CTHRC1 overexpression can also be used as an independent prognostic marker in gastric cancer. Mutations at this locus have been associated with Barrett esophagus and esophageal adenocarcinoma.

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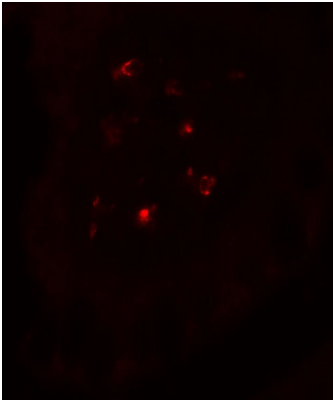
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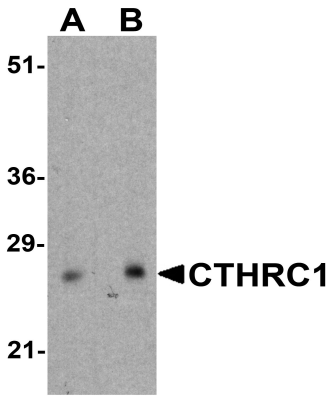
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CTHRC1 Antibody (PA5-38054) in IHC
Immunohistochemistry of CTHRC1 in human small intestine tissue with CTHRC1 Polyclonal Antibody (Product # PA5-38054) at 5 µg/mL.



CTHRC1 Antibody (PA5-38054) in IHC
Immunofluorescence of CTHRC1 in human small intestine tissue with CTHRC1 Polyclonal Antibody (Product # PA5-38054) at 20 µg/mL.



CTHRC1 Antibody (PA5-38054) in WB
Western Blot analysis of CTHRC1 in rat small intestine tissue lysate with CTHRC1 Polyclonal Antibody (Product # PA5-38054) at (A) 1 and (B) 2 µg/mL.

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