

Anti-CSTA Polyclonal Antibody

Cat: K109107P

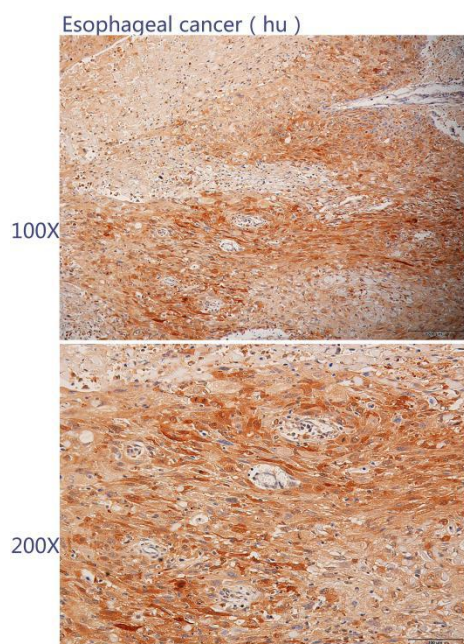
Summary:

【Product name】 : Anti-CSTA antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : P01040	【Gene ID】 : 1475
【Calculated】 : MW:11kDa	
【Purification】 : Affinity purification	
【Tested applications】 : IHC	
【Recommended dilution】 : IHC 1:50-200.	
【IHC Positive sample】 : Human esophageal cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human CSTA	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins, and kininogens. This gene encodes a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and diagnostic tools for cancer.

Verified picture



Immunohistochemistry of paraffin-embedded
Human esophageal cancer with CSTA antibody
diluted at 1:100