

Datasheet for ABIN6978161

**anti-CST3 antibody (AA 27-146) (AbBy Fluor® 555)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | CST3                                                                                                                           |
| Binding Specificity: | AA 27-146                                                                                                                      |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This CST3 antibody is conjugated to AbBy Fluor® 555                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |                              |
|-------------------|------------------------------|
| Immunogen:        | Recombinant human Cystatin-C |
| Isotype:          | IgG                          |
| Cross-Reactivity: | Human, Mouse, Rat            |
| Purification:     | Purified by Protein A.       |

## Target Details

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| Target:           | CST3                                                                                          |
| Alternative Name: | Cystatin-C ( <a href="#">CST3 Products</a> )                                                  |
| Background:       | Synonyms: Cystatin-3, Cystatin3, Cystatin 3, CystatinC, CST 3, CST3, CST-3, Cystatin C, AD 8, |

## Target Details

AD8, Amyloid angiopathy and cerebral hemorrhage, Cst 3, Cst3, CST3 protein, Gamma trace, HCCAA, Neuroendocrine basic polypeptide, Post gamma globulin, ARMD11, MGC117328, CYSC, CYTC\_HUMAN.

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 the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. [provided by RefSeq].

Gene ID: 1471

UniProt: [P01034](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months