

## Rabbit CST3 Polyclonal Antibody | anti-CST3 antibody

CST3 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA166518 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

CST3; Polyclonal Antibody; CST3 Polyclonal Antibody; ARMD11; anti-CST3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1.6mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 146                                                                                       |
| Applicable Applications for anti-CST3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Synthetic peptide of human CST3                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using CST3 Polyclonal Antibody at dilution of 1:50



#### WB (Western Blot)

Western Blot analysis of Human fetal brain tissue using CST3 Polyclonal Antibody at dilution of 1:2400

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CST3 antibody

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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 568599832                                                                                                                       |
| NCBI GeneID                      | 1471                                                                                                                            |
| NCBI Accession #                 | NP_001275543.1                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001288614.1                                                                                                                  |
| Molecular Weight                 | 15,799 Da                                                                                                                       |
| NCBI Official Full Name          | cystatin-C                                                                                                                      |
| NCBI Official Synonym Full Names | cystatin C                                                                                                                      |
| NCBI Official Symbol             | CST3                                                                                                                            |
| NCBI Official Synonym Symbols    | ARMD11                                                                                                                          |
| NCBI Protein Information         | cystatin-C; bA218C14.4 (cystatin C); cystatin 3; cystatin-3; gamma-trace; neuroendocrine basic polypeptide; post-gamma-globulin |
| UniProt Protein Name             | Cystatin-C                                                                                                                      |
| UniProt Gene Name                | <b>CST3</b>                                                                                                                     |
| UniProt Entry Name               | CYTC_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/cst3-antibody-immunohistochemistry-western-blot-elisa/166518>