

## Rabbit anti-Human CST9 Polyclonal Antibody | anti-CST9 antibody

CST9 Antibody (C-term)

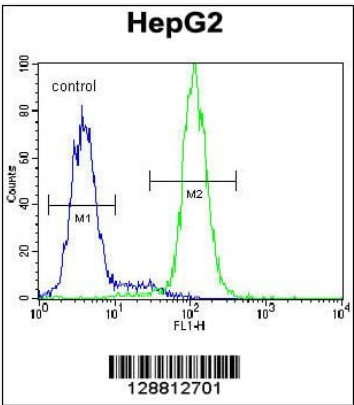
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA286307 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

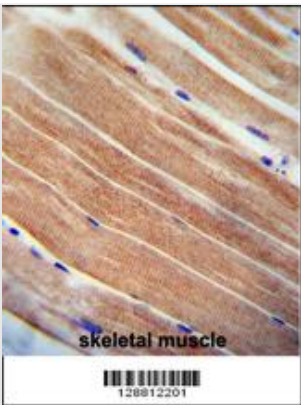
CST9; Polyclonal Antibody; CST9 Antibody (C-term); Cystatin-9; Cystatin-like molecule; CLM; anti-CST9 antibody

### PRODUCT SPECIFICATIONS

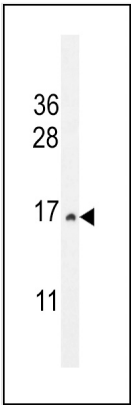
|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This CST9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-159 amino acids from the C-terminal region of human CST9.         |
| 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: 0.45 (varies by lot)                                                                                                                                     |
| Sequence Positions                             | 131-159                                                                                                                                                                      |
| Sequence Length                                | 159                                                                                                                                                                          |
| Applicable Applications for anti-CST9 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)**  
CST9 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohiostchemistry)**  
CST9 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CST9 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
CST9 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CST9 antibody detected the CST9 protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------|
| Related Product Information for anti-CST9 antibody | May play a role in hematopoietic differentiation or inflammation. |
| Product Categories/Family for anti-CST9 antibody   | Cell Biology                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 226529477              |
| NCBI GeneID                      | 128822                 |
| NCBI Accession #                 | NP_001008693.2         |
| NCBI GenBank Nucleotide #        | NM_001008693.2         |
| UniProt Accession #              | Q5W186; Q8TD53; B2RP76 |
| Molecular Weight                 | 18135                  |
| NCBI Official Full Name          | cystatin-9             |
| NCBI Official Synonym Full Names | cystatin 9 (testatin)  |

|                               |             |
|-------------------------------|-------------|
| NCBI Official Symbol          | CST9        |
| NCBI Official Synonym Symbols | CLM; CTES7A |
| NCBI Protein Information      | cystatin-9  |
| UniProt Protein Name          | Cystatin-9  |
| UniProt Gene Name             | <b>CST9</b> |
| UniProt Synonym Gene Names    | CLM         |
| UniProt Entry Name            | CST9_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/cst9-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286307>