

## CST8 polyclonal antibody

Catalog # PAB18600

Size 100 ug

### Specification

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Goat polyclonal antibody raised against synthetic peptide of CST8.                                                     |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids 23-34 at internal region of human CST8.                               |
| <b>Sequence</b>            | C-DPKKNETGVLRK                                                                                                         |
| <b>Host</b>                | Goat                                                                                                                   |
| <b>Form</b>                | Liquid                                                                                                                 |
| <b>Purification</b>        | Antigen affinity purification                                                                                          |
| <b>Concentration</b>       | 0.5 mg/mL                                                                                                              |
| <b>Recommend Usage</b>     | ELISA (1:64000)<br>The optimal working dilution should be determined by the end user.                                  |
| <b>Storage Buffer</b>      | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)                                                        |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                     |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

### Applications

- Enzyme-linked Immunoabsorbent Assay

### Gene Info — CST8

Entrez GeneID [10047](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Protein Accession# | <a href="#">NP_005483.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Name          | CST8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias         | CRES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description   | cystatin 8 (cystatin-related epididymal specific)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Omim ID            | <a href="#">608683</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Summary       | <p>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. 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 a protein similar to type 2 cystatins. The protein exhibits highly tissue-specific expression in the reproductive tract, suggesting implicit roles in reproduction. Alternative splicing identified in mouse is suggested in human based on EST evidence but the full-length nature of putative variants has not been determined. [provided by RefSeq]</p> |
| Other Designations | OTTHUMP00000030434 cystatin 8 cystatin-related epididymal spermatogenic protein cystatin-related epididymal-specific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)