

**Cystatin C Antibody**  
Rabbit mAb  
Catalog # AP90992

## Specification

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### Cystatin C Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P01034</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
ARMD11; CST3; AD8; CystatinC; HCCAA; Cystatin3;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	15799 Da

### Cystatin C Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cystatin C
Description	Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors. Most cell types secrete Cystatin C. Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion. In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF- $\beta$ 1 signaling.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### Cystatin C Antibody - Protein Information

**Name** CST3

#### Function

As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological role as a local regulator of this enzyme activity.

#### Cellular Location

Secreted.

### Tissue Location

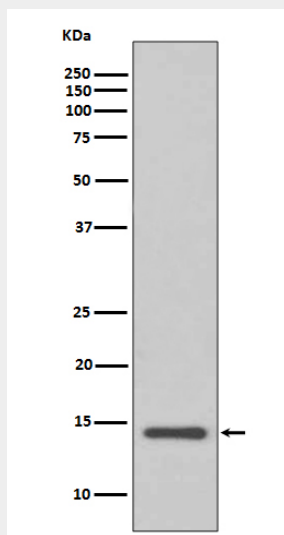
Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level).  
Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the submandibular gland

### Cystatin C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Cystatin C Antibody - Images



Western blot analysis of Cystatin C expression in HeLa cell lysate.