

Cystatin C Antibody

Rabbit mAb

Catalog # AP90992

Product Information

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|--------------------------|---|
| Application | WB, IHC |
| Primary Accession | P01034 |
| Reactivity | Rat, Human, Mouse |
| Clonality | Monoclonal |
| Other Names | ARMD11; CST3; AD8; CystatinC; HCCAA; Cystatin3; |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 15799 |

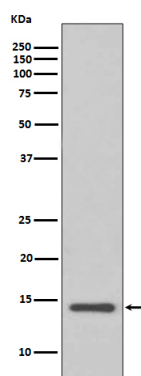
Additional Information

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| Dilution | WB 1:500~1:2000 IHC 1:50~1:200 |
| 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- β 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. |

Protein Information

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| 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 |

Images



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

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