For research purposes only, not for human use

# Product Data Sheet

## Anti-Cystatin C Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CPA3880 | Rabbit | H, M | WB, IH |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to Cystatin C |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cystatin C. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of Cystatin C protein. |
| **Clonality** | Polyclonal |
| **Conjugation** | |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/1000), IH (1/50 - 1/100) |
| **Gene Symbol** | CST3 |
| **Alternative Names** | Cystatin-C; Cystatin-3; Gamma-trace; Neuroendocrine basic polypeptide; Post-gamma-globulin |
| **Entrez Gene** | 1471 (Human); 13010 (Mouse) |
| **SwissProt** | P01034 (Human); P21460 (Mouse) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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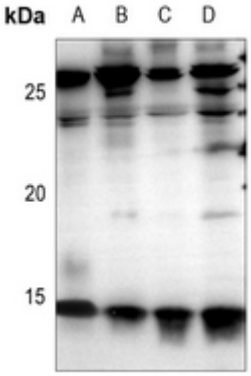
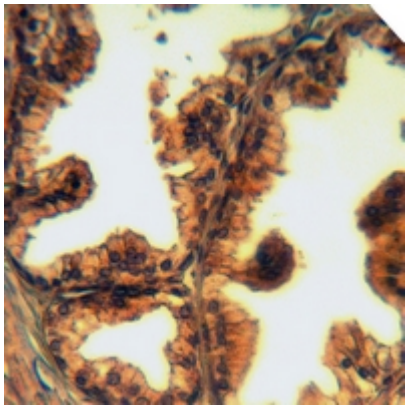



Western blot analysis of Cystatin C expression in mouse brain (A), HepG2 (B), PC3 (C), A2780 (D) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 13 kD)



Immunohistochemical analysis of Cystatin C staining in human prostate formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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