

## Cystatin C Antibody

*CST3; AD8; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin 3; gamma-trace; post-gamma-globulin; neuroendocrine basic polypeptide*

**CATALOG NO.: 45-043**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

Cystatin C Antibody.

**SOURCE:**

Cystatin C antibody was raised against a synthetic peptide near the C-terminus of cystatin C.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_034106

**SPECIES REACTIVITY:**

Mouse

**TESTED APPLICATION:**

ELISA, Western Blot

**APPLICATION:**

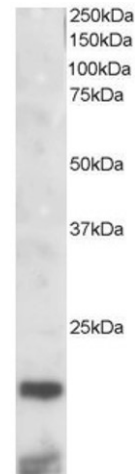
Western blot: Approx 20kDa band seen in Mouse Kidney lysate. Recommended for use at 1-3µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of cystatin C in Mouse Kidney lysate (RIPA buffer, 30µg total protein per lane) using cystatin C antibody (2µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Huh C, Nagle JW, Kozak CA, Abrahamson M, Karlsson S. Structural organization, expression and chromosomal mapping of the mouse cystatin-C-encoding gene (Cst3). Gene. 1995 Jan 23;152(2):221-6.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.