

## Rabbit Anti-Cystatin E/Biotin Conjugated antibody

SL6042R-Bio

**Product Name** Anti-Cystatin E/Biotin

**Chinese Name** 生物素标记的半胱氨酸蛋白酶抑制剂 6 抗体

**Alias** CST 6; CST-6; CST6; Cystatin 6; Cystatin E; Cystatin E/M; Cystatin M; Cystatin M/E; Cystatin-6; Cystatin-E; Cystatin-M; Cystatin6; CystatinE; CystatinM; Cysteine proteinase inhibitor; CYTM\_HUMAN.

**Research Area** Cell biology immunology

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** (predicted:Human,Mouse,Rat,Dog)

**Applications** WB=1000-10000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:500-5000  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Molecular weight** 13.6kDa

**Form** Lyophilized or Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human Cystatin E/M

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Storage Buffer** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Product Detail** **background:**  
Shows moderate inhibition of cathepsin B but is not active against cathepsin C.



**Function:**

Shows moderate inhibition of cathepsin B but is not active against cathepsin C.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Restricted to the stratum granulosum of normal skin, the stratum granulosum/spinosum of psoriatic skin, and the secretory coils of eccrine sweat glands. Low expression levels are found in the nasal cavity.

**Post-translational modifications:**

Substrate for transglutaminases. Acts as an acyl acceptor but not as an acyl donor.

**Similarity:**

Belongs to the cystatin family.

**Database links:**

UniProtKB/Swiss-Prot: Q15828.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.