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## CST7 Rabbit pAb

Catalog Number: bs-6039R

Target Protein: CST7

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 14 kDa

Subcellular: Secreted, Cytoplasm

Locations:

Entrez Gene: 8530

Swiss Prot: O76096

Source: KLH conjugated synthetic peptide derived from human Cystatin F: 21-120/145.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=15.6] Zhang L et al. A Conditionally Releasable "Do not Eat Me" CD47 Signal Facilitates Microglia-Targeted Drug Delivery for the Treatment of Alzheimer's Disease. Adv. Funct. Mater. 2020, 1910691 WB ; mouse . 10.1002/adfm.201910691