

bs-6039R**[Primary Antibody]**

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CST7 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8530	SWISS: O76096	IHC-F (1:100-500)
Target: CST7		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Cystatin F: 21-120/145.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat)
Concentration: 1mg/ml		Predicted MW.: 14 kDa
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.		Subcellular Location: Secreted ,Cytoplasm
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.		

— SELECTED CITATIONS —

- **[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