

Datasheet for ABIN2854810

anti-CST7 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CST7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CST7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Cystatin F. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to cystatin F (cystatin F (leukocystatin)) cystatin F antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CST7
Alternative Name:	cystatin F (CST7 Products)

Target Details

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. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors.

Cellular Localization: Secreted , Cytoplasm

Molecular Weight: 16 kDa

Gene ID: 8530

UniProt: [O76096](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HL-60
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.98 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

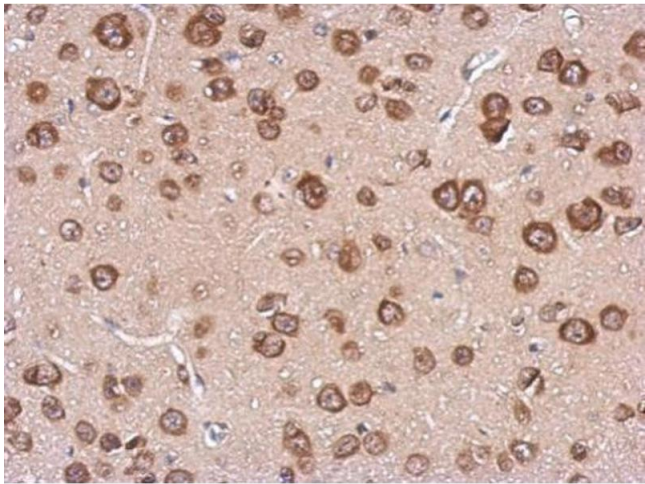
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

Handling

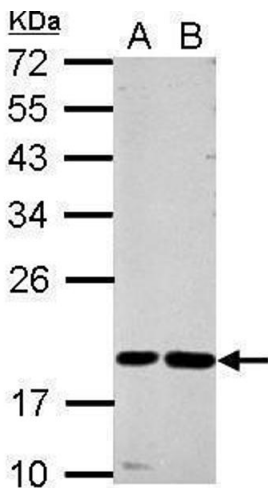
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded CL1-5 xenograft, using cystatin F, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: A549 B: MCF-7 12% SDS PAGE antibody diluted at 1:1000