

Anti-CST2 antibody

Cat. No.	ml222193
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CST2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CST2
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CST2
Full name	cystatin SA

Synonyms

Swissprot P09228

Target 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, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a secreted thiol protease inhibitor found at high levels in saliva, tears and seminal plasma.

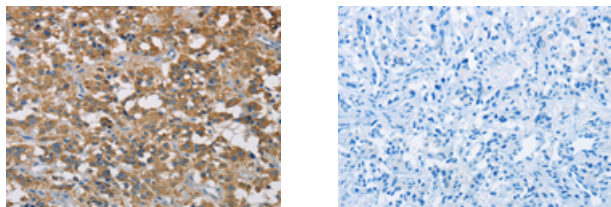
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222193(CST2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 16 kDa

Positive control: Human liver cancer tissue

Recommended dilution: 200-1000

Gel: 12%SDS-PAGE

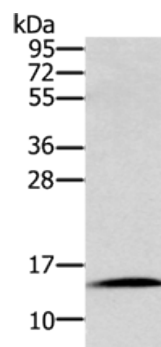
Lysate: 40 μ g

Lane: Human liver cancer tissue

Primary antibody: ml222193(CST2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 2000-5000

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