

CST3

Reactivity:Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:10 - 1:100

Calculated MW:16kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CST3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARMD11; MGC117328;CST3;

Catalog #:A1561

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1471

Isotype:IgG

Swiss Prot:P01034

Purity:Affinity purification

For research use only.

Background:

Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors (1). Most cell types secrete Cystatin C (1). Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion (2). In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF-1 signaling (2,3). Cystatin C may also modulate antigen presentation through its ability to inhibit cathepsins (4). Cystatin C is also a biomarker for kidney dysfunction (5).

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