

CST2 Polyclonal Antibody

Catalog No. E-AB-61221

Note: Centrifuge before opening to ensure complete recovery of vial contents.

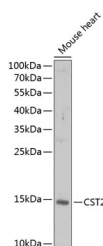
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse |
| Immunogen | Recombinant fusion protein of human CST2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of mouse heart using CST2 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:14kDa
Calculated Mw:16kDa

Preparation & Storage

Storage Store at -20°C. Avoid 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, 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.

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