

CYTS Polyclonal Antibody

Description

| Product type | Primary Antibody |
|-------------------------|--|
| Code | BT-AP15172 |
| Host | Rabbit |
| Isotype | lgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from part region of human protein |
| Mol wt | N/A |
| Species reactivity | Human, Rat, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Cystatin-S |
| Synonyms | Cystatin-S ;Cystatin-4;Cystatin-SA-III;Salivary acidic protein 1 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

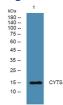
Background

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. 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 type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000 Not yet tested in other applications.

Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage -20°C for 1 year

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