

Cystatin A Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP02444

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic peptide from human protein at AA range: 60-98

Mol wt 16275

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Cystatin A Antibody

Synonyms Cystatin-A (Cystatin-AS) (Stefin-A)

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

Background

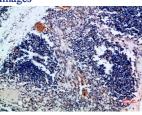
The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 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 protein similar to type 2 cystatins. The encoded protein exhibits highly tissue-specific expression in the reproductive tract, suggesting implicit roles in reproduction. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 2000 IHC-p: 1: 500 - 200 ELISA: 1: 10000 - 20000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-thymus, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200



Western blot analysis of 293T mouse-kidney lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000



 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ human-tonsil,\ antibody\ was\ diluted\ at\ 1:200$

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com