

Cystatin 8 rabbit pAb

Cat No.: ES4415

For research use only

Overview

Product Name Cystatin 8 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/40000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human CST8. AA range:31-80

Specificity Cystatin 8 Polyclonal Antibody detects endogenous

levels of Cystatin 8 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Cystatin-8
Gene Name CST8
Cellular localization Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 10047 Human Swiss-Prot Number 060676

Alternative Names CST8; CRES; Cystatin-8; Cystatin-related epididymal

spermatogenic protein

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



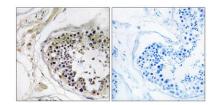
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kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene 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. [provided by RefSeq, Aug 2013],

Immunohistochemistry analysis of paraffin-embedded human testis tissue, using CST8 Antibody. The picture on the right is blocked with the synthesized peptide.



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