

Rabbit CST4 Polyclonal Antibody | anti-CST4 antibody

CST4 Polyclonal Antibody

CATALOG # AAA177708	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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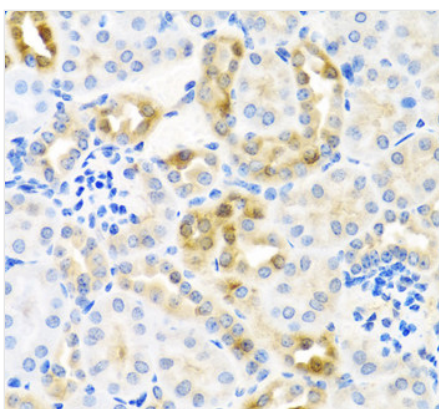
PRODUCT SYNONYMS

CST4; Polyclonal Antibody; CST4 Polyclonal Antibody; anti-CST4 antibody

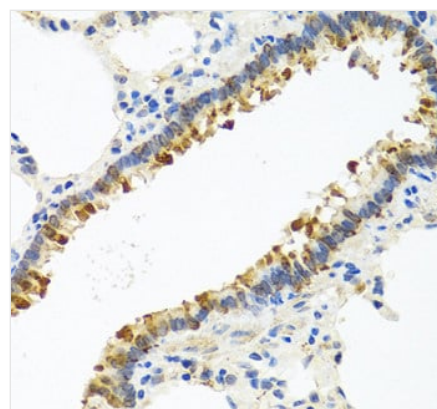
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CST4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human CST4 (NP_0018901)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using CST4 Polyclonal Antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat lung using CST4 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-CST4 antibody	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 a protective function.
Product Categories/Family for anti-CST4 antibody	Cell Biology; Immunology; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503109
NCBI GeneID	1472
NCBI Accession #	NP_001890.1
NCBI GenBank Nucleotide #	NM_001899.2
UniProt Accession #	P01036; Q9UBI5; Q9UCS9
Molecular Weight	16,214 Da
NCBI Official Full Name	cystatin-S
NCBI Official Synonym Full Names	cystatin S
NCBI Official Symbol	CST4
NCBI Protein Information	cystatin-S; cystatin 4; cystatin-4; cystatin-SA-III; salivary acidic protein 1
UniProt Protein Name	Cystatin-S
UniProt Gene Name	CST4
UniProt Entry Name	CYTS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.