

Rabbit CST8 Polyclonal Antibody | anti-CST8 antibody

CST8 Antibody

CATALOG # AAA326131	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	--

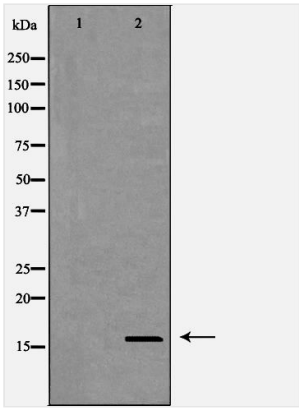
PRODUCT SYNONYMS

CST8; Polyclonal Antibody; CST8 Antibody; CRES; CST 8; Cst8; CST8_HUMAN; cystatin 8 (cystatin related epididymal specific); Cystatin 8; Cystatin related epididymal specific; Cystatin related epididymal specific protein; Cystatin related epididymal spermatogenic protein; Cystatin related protein epididymis specific; Cystatin-8; Cystatin-related epididymal spermatogenic protein; anti-CST8 antibody

PRODUCT SPECIFICATIONS

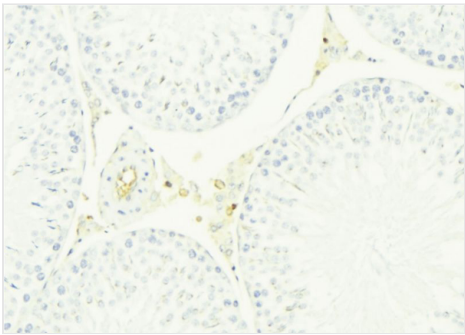
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CST8 antibody detects endogenous levels of total CST8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-CST8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CST8
Subcellular Location	Secreted.
Tissue Specificity	Proximal caput region of the epididymis. Lower expression in the testis. Within the testis it is localized to the elongating spermatids, whereas within the epididymis it is exclusively synthesized by the proximal caput epithelium.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HEK293 cell lysate, using CST8 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326131 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CST8 antibody

Description: 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 protein exhibits highly tissue-specific expression in the reproductive tract, suggesting implicit roles in reproduction. Alternative splicing identified in mouse is suggested in human based on EST evidence but the full-length nature of putative variants has not been determined. [provided by RefSeq, Jul 2008]
Function: Performs a specialized role during sperm development and maturation.
Similarity: Belongs to the cystatin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528524499
NCBI GeneID	10047
NCBI Accession #	NP_001268659.1
NCBI GenBank Nucleotide #	NM_001281730.1
UniProt Accession #	O60676; Q2M2X6
Molecular Weight	Observed: 16 kDa Predicted: 17 kDa
NCBI Official Full Name	cystatin-8
NCBI Official Synonym Full Names	cystatin 8
NCBI Official Symbol	CST8
NCBI Official Synonym Symbols	CRES; CTES5
NCBI Protein Information	cystatin-8
UniProt Protein Name	Cystatin-8
UniProt Gene Name	CST8
UniProt Synonym Gene Names	CRES

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cst8-antibody-immunohistochemistry-western-blot-elisa/326131>