

CSTL1 Polyclonal Antibody

Catalog NumberPA5-50018

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunocytochemistry (ICC/IF)	Dilution * 1:100-1:500
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthesized peptide derived from internal of human CSTL1.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.4, with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	-20°C		

Product specific information

The antibody detects endogenous levels of total CSTL1 protein.

Background/Target Information

The cystatin superfamily is a well-established family of cysteine protease inhibitors. All true cystatins inhibit cysteine peptidases of the papain family, such as cathepsins, while some also inhibit legumain family enzymes. The CRES (cystatin-related epididymal spermatogenic) protein defines a new subgroup in the family 2 cystatins of the cystatin superfamily. CRES proteins lack two of the three consensus sites necessary for the cystatin inhibition of C1 cysteine proteases. They are also preferentially expressed in postmeiotic germ cells, the proximal caput epididymidis, and anterior pituitary gonadotrophs. Therefore, CRES proteins may perform unique and tissue-specific functions in the reproductive and neuroendocrine systems. As a member of the CRES subfamily, Cystatin-like 1 (CSTL1) is a 145 amino acid protein and is expressed in testis.

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Product Images For CSTL1 Polyclonal Antibody

CSTL1 Antibody (PA5-50018) in ICC/IF

Immunocytochemical analysis of CSTL1 in A549 cells, using CSTL1 Polyclonal Antibody (Product # PA5-50018).



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