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CST9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11059b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q5W186
Other Accession	NP_001008693.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28812
Calculated MW	18135
Antigen Region	131-159

Additional Information

Gene ID	128822
Other Names	Cystatin-9, Cystatin-like molecule, CST9, CLM
Target/Specificity	This CST9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-159 amino acids from the C-terminal region of human CST9.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CST9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CST9
Function	May be involved in testis development (By similarity). May play a role in hematopoietic differentiation or inflammation (PubMed:12535658). Has immunomodulatory and antimicrobial functions against Francisella tularensis,

a Gram-negative bacteria (PubMed:23922243).

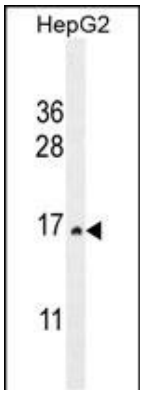
Cellular Location Secreted. Note=May be targeted through the Golgi via the secretory pathway

Tissue Location Expressed in heart, placenta, lung, liver, skeletal muscle and pancreas (PubMed:12535658). Not expressed in brain (PubMed:12535658). Expressed in epididymis, kidney, testis, spinal cord, and thymus with a strong expression in epididymis and kidney and a weak expression in the spinal cord and thymus (PubMed:20565543)

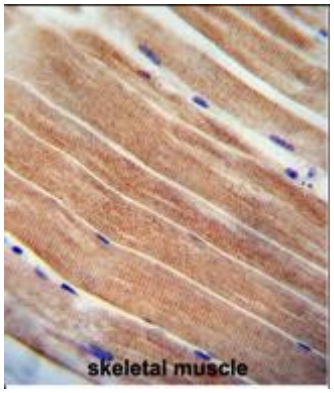
Background

May play a role in hematopoietic differentiation or inflammation.

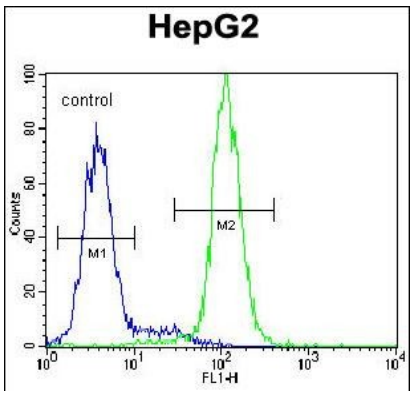
Images



CST9 Antibody (C-term) (Cat. #AP11059b) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CST9 antibody detected the CST9 protein (arrow).



CST9 antibody (C-term) (Cat. #AP11059b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CST9 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CST9 Antibody (C-term) (Cat. #AP11059b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.