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Datasheet for ABIN1385371 anti-CST4 antibody



Overview

Quantity:	100 µL
Target:	CST4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CST4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cystatin S
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CST4
Alternative Name:	Cystatin S (CST4 Products)
Background:	Synonyms: Cst4, Cystatin 4, Cystatin S precursor, Cystatin SA III, Cystatin-4, Cystatin-S, Cystatin-SA-III, CYTS_HUMAN, MGC71923, Salivary acidic protein 1.
	Background: The cystatin superfamily encompasses proteins that contain multiple cystatin-like

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	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. [provided by
	RefSeq, Jul2008].
Gene ID:	1472
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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