



Datasheet for ABIN3021773
anti-CST8 antibody (AA 53-142)



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2 Images

Overview

Quantity:	100 µL
Target:	CST8
Binding Specificity:	AA 53-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CST8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 53-142 of human CST8 (NP_005483.1).
Sequence:	MQEYNKESED KYVFLVVKTL QAQLQVTNLL EYLIDVEIAR SDCRKPLSTN EICAIQENSK LKRKLSCSFL VGALPWNGEF TVMEKKCEDA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

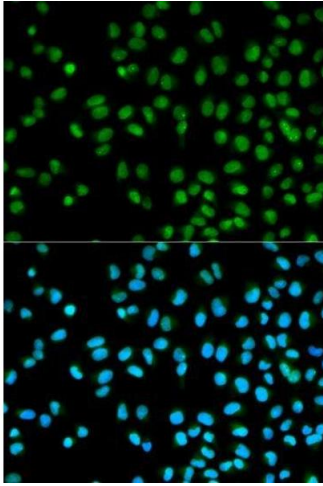
Target:	CST8
Alternative Name:	CST8 (CST8 Products)
Background:	<p>The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There 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 encoded protein exhibits highly tissue-specific expression in the reproductive tract, suggesting implicit roles in reproduction. Alternative splicing results in multiple transcript variants.,CST8,CRES,CTES5,Cell Biology & Developmental Biology,Ubiquitin,CST8</p>
Molecular Weight:	16 kDa
Gene ID:	10047
UniProt:	O60676

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

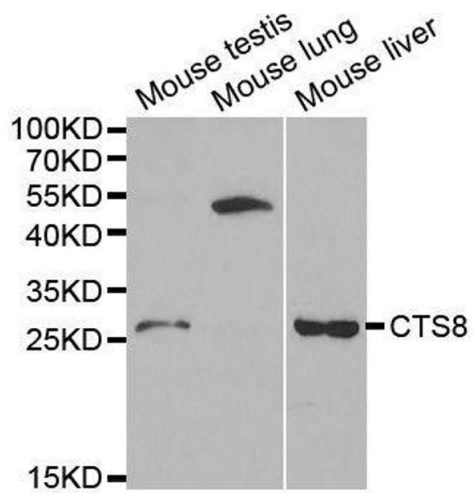
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CST8 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CST8 antibody.