

Datasheet for ABIN185101  
**anti-CSTB antibody (C-Term)**

## 4 Images

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## Overview

Quantity:	100 µg
Target:	CSTB
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CSTB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	Cystatin B / Stefin B
Immunogen:	Peptide with sequence C-QTNKAKHDELTYF, from the C Terminus of the protein sequence according to NP_000091.1.
Sequence:	QTNKAKHDEL TYF
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

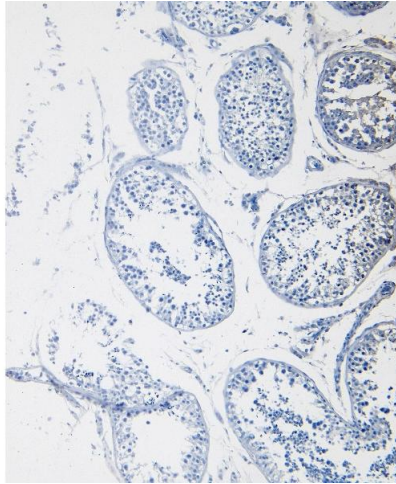
Target:	CSTB
Alternative Name:	CSTB ( <a href="#">CSTB Products</a> )
Background:	CSTB, cystatin B (stefin B), PME, CST6, STFB, CPI-B, stefin B, liver thiol proteinase inhibitor, EPM1, cystatin B
Gene ID:	1476
NCBI Accession:	<a href="#">NP_000091</a>
Pathways:	<a href="#">Response to Water Deprivation</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 6-7 µg/mL.  Western Blot: Approx 16 kDa band observed in Human Liver, Lung and Kidney Lysates (calculated MW of 11.1 kDa according to NP_000091.1 ). The observed molecular weight corresponds to earlier findings in literature with with different antibodies (Lee et al, Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

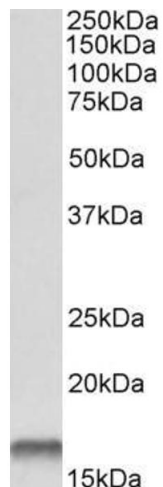
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



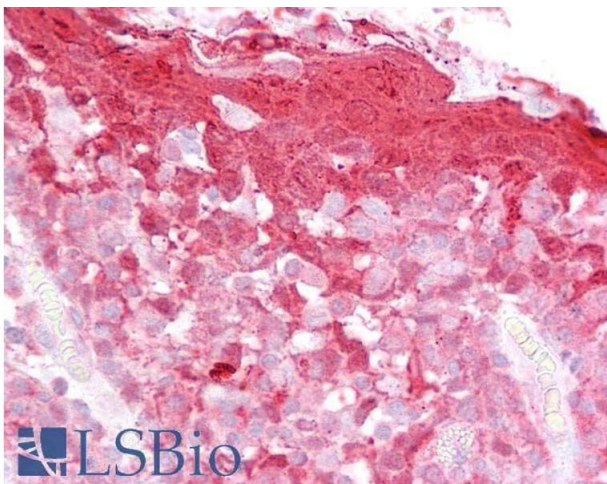
#### Immunohistochemistry

**Image 1.** (ABIN185101) Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



#### Western Blotting

**Image 2.** ABIN185101 (0.1µg/ml) staining of Human Lungs (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



#### Immunohistochemistry

**Image 3.** ABIN185101 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data was obtained using a previous batch.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185101.