

Datasheet for ABIN6261072
anti-CSTB antibody (C-Term)

5 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | CSTB |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CSTB antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human CSTB, corresponding to a region within C-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | CSTB Antibody detects endogenous levels of total CSTB. |
| Predicted Reactivity: | Pig,Bovine,Sheep,Rabbit,Dog |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

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|---------|------|
| Target: | CSTB |
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Target Details

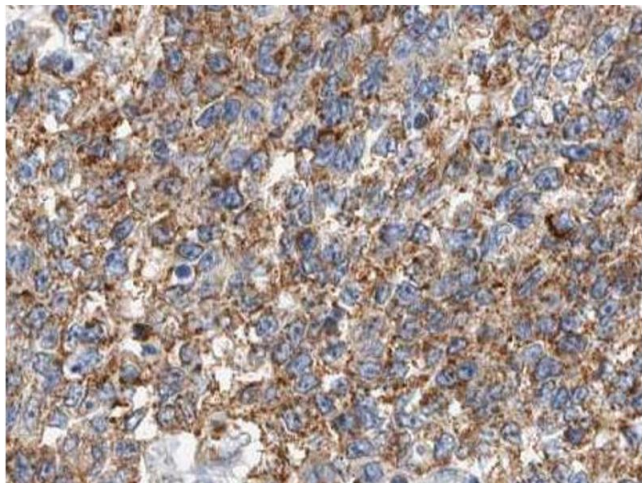
| | |
|-------------------|--|
| Alternative Name: | CSTB (CSTB Products) |
| Background: | Description: This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B. Gene: CSTB |
| Molecular Weight: | 11kDa |
| Gene ID: | 1476 |
| UniProt: | P04080 |
| Pathways: | Response to Water Deprivation |

Application Details

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| Application Notes: | WB: 1:500-1:3000, IHC: 1:50-1:200, IF/ICC: 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

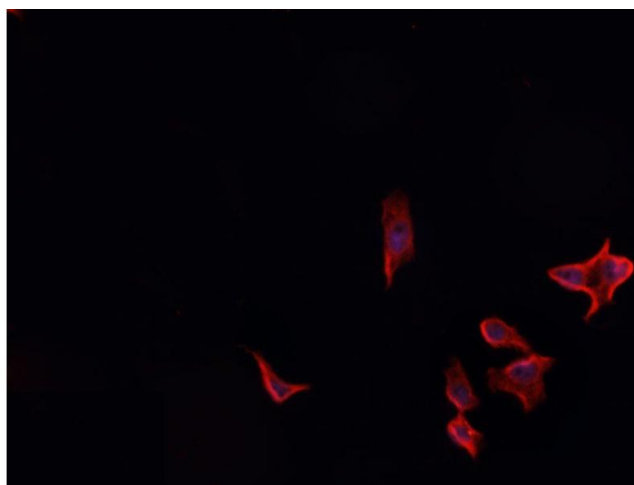
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



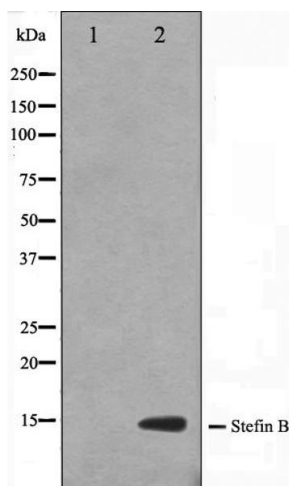
Immunohistochemistry

Image 1. ABIN6266637 at 1/100 staining human lung carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Immunofluorescence (fixed cells)

Image 2. ABIN6266637 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 3. Western blot analysis on A549 cell lysate using CSTB Antibody. The lane on the left is treated with the antigen-specific peptide.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6261072.