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anti-CSTA antibody (C-Term)

4 Images



Overview

Target:

| Quantity: | 100 μL |
|-----------------------|--|
| Target: | CSTA |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CSTA antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |
| Product Details | |
| Immunogen: | A synthesized peptide derived from human Cystatin A, corresponding to a region within C-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | Cystatin A Antibody detects endogenous levels of total Cystatin A. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Dog |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific). |
| Target Details | |
| | |

CSTA

Target Details

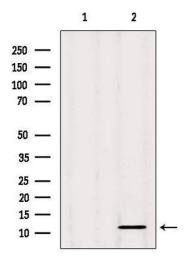
| Alternative Name: | CSTA (CSTA Products) |
|-------------------|--|
| Background: | Description: This is an intracellular thiol proteinase inhibitor. Has an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis. Gene: CSTA |
| Molecular Weight: | 11kDa |
| Gene ID: | 1475 |
| UniProt: | P01040 |
| Pathways: | Response to Water Deprivation |

Application Details

| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
|--------------------|---|
| Restrictions: | For Research Use only |

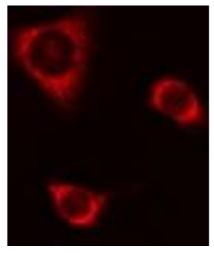
Handling

| 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 |



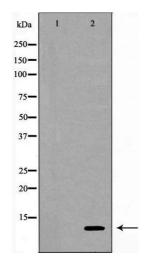
Western Blotting

Image 1. Western blot analysis of extracts from Mouse spleen, using CSTA Antibody. Lane 1 was treated with the blocking peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6277699 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;ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37;ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod



Western Blotting

Image 3. Western blot analysis of extracts of THP-1, using CSTA antibody. The lane on the left is treated with the antigen-specific peptide.

Please check the product details page for more images. Overall 4 images are available for ABIN6261071.