

Datasheet for ABIN7148973

## anti-CST3 antibody

### 2 Images



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### Overview

Quantity:	100 µg
Target:	CST3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CST3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human Cystatin C protein
Clone:	3A1B7
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Protein G purified

### Target Details

Target:	CST3
Alternative Name:	CST3 ( <a href="#">CST3 Products</a> )
Background:	Background: Defects in CST3 are the cause of amyloidosis type 6 (AMYL6) [MIM:105150], also known as hereditary cerebral hemorrhage with amyloidosis (HCHWA), cerebral amyloid

## Target Details

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angiopathy (CAA) or cerebroarterial amyloidosis Icelandic type. AMYL6 is a hereditary generalized amyloidosis due to cystatin C amyloid deposition. Cystatin C amyloid accumulates in the walls of arteries, arterioles, and sometimes capillaries and veins of the brain, and in various organs including lymphoid tissue, spleen, salivary glands, and seminal vesicles. Amyloid deposition in the cerebral vessels results in cerebral amyloid angiopathy, cerebral hemorrhage and premature stroke. Cystatin C levels in the cerebrospinal fluid are abnormally low. Genetic variations in CST3 are associated with age-related macular degeneration type 11 (ARMD11) [MIM:611953]. ARMD is a multifactorial eye disease and the most common cause of irreversible vision loss in the developed world. In most patients, the disease is manifest as ophthalmoscopically visible yellowish accumulations of protein and lipid that lie beneath the retinal pigment epithelium and within an elastin-containing structure known as Bruch membrane.

Aliases: CysC, Cystatin-3, Gamma-trace, Neuroendocrine basic polypeptide, Post-gamma-globulin

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UniProt: [P01034](#)

## Application Details

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Application Notes: Recommended dilution: IHC: 1:50-1:500,

Restrictions: For Research Use only

## Handling

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Format: Liquid

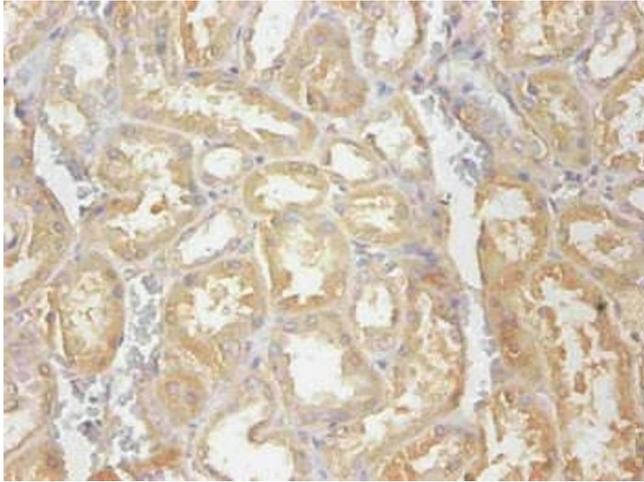
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

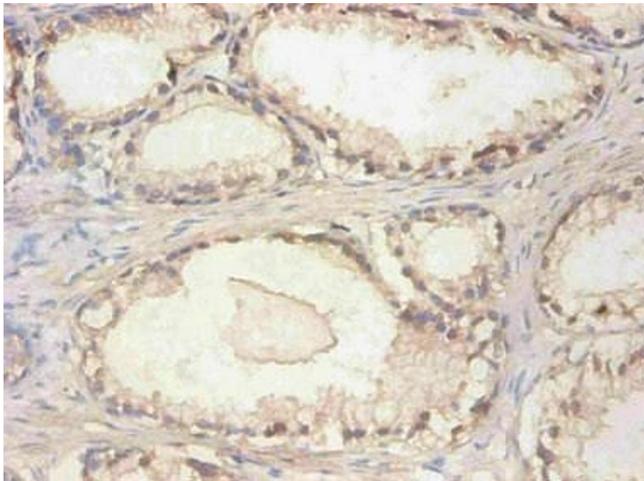
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemical of paraffin-embedded human kidney tissue using ABIN7148973 at dilution of 1:200



#### Immunohistochemistry

**Image 2.** Immunohistochemical of paraffin-embedded human prostate tissue using ABIN7148973 at dilution of 1:200