

Datasheet for ABIN7146518  
**anti-CAPNS2 antibody (AA 1-248)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	CAPNS2
Binding Specificity:	AA 1-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPNS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Calpain small subunit 2 protein (1-248AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	CAPNS2
Alternative Name:	CAPNS2 ( <a href="#">CAPNS2 Products</a> )
Background:	Background: Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This

## Target Details

small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.

Aliases: CAPNS2Calpain small subunit 2 antibody, CSS2 antibody, Calcium-dependent protease small subunit 2 antibody

UniProt: [Q96L46](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

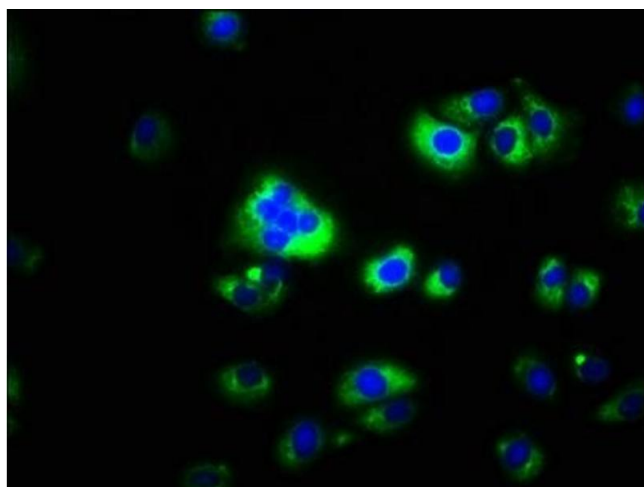
Preservative: ProClin

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.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7146518 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



### Western Blotting

**Image 2.** Western blot All lanes: CAPNS2 antibody at 8  $\mu$ g/mL + Mouse heart tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 28 kDa  
Observed band size: 28 kDa