

Datasheet for ABIN7146512  
**anti-Calpain S1 antibody (AA 1-268)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	Calpain S1 (CAPNS1)
Binding Specificity:	AA 1-268
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain S1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Calpain small subunit 1 protein (1-268AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Calpain S1 (CAPNS1)
Alternative Name:	CAPNS1 ( <a href="#">CAPNS1 Products</a> )
Background:	Background: Regulatory subunit of the calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal

## Target Details

transduction.

Aliases: 30K antibody, Calcium activated neutral proteinase antibody, Calcium activated neutral proteinase small subunit antibody, Calcium dependent protease small subunit 1 antibody, Calcium dependent protease small subunit antibody, Calcium-activated neutral proteinase small subunit antibody, Calcium-dependent protease small subunit 1 antibody, Calcium-dependent protease small subunit antibody, Calpain 4 antibody, Calpain 4 small subunit (30K) antibody, Calpain 4 small subunit antibody, Calpain regulatory subunit antibody, Calpain S1 antibody, Calpain small polypeptide antibody, Calpain small subunit 1 antibody, Calpain4 antibody, CalpainS1 antibody, CANP antibody, CANP small subunit antibody, CANPS antibody, CAPN 4 antibody, CAPN S1 antibody, CAPN4 antibody, CAPNS 1 antibody, CAPNS antibody, Capns1 antibody, CDPS antibody, CPNS1\_HUMAN antibody, CSS 1 antibody, CSS1 antibody

UniProt: [P04632](#)

Pathways: [Apoptosis](#)

## Application Details

Application Notes: Recommended dilution: IF:1:500-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

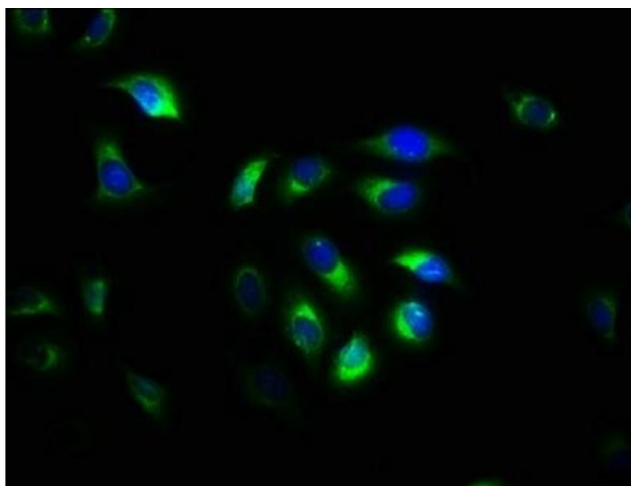
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7146512 at 1:533, 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).