

Datasheet for ABIN7441262  
**anti-Calpain S1 antibody (AA 1-268)**

## 7 Images

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## Overview

Quantity:	100 µL
Target:	Calpain S1 (CAPNS1)
Binding Specificity:	AA 1-268
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain S1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Calpain, Small Subunit 1 (CAPNS1)
Immunogen:	Recombinant Calpain, Small Subunit 1 (CAPNS1) corresponding to Met1~Ser268 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAPNS1. It has been selected for its ability to recognize CAPNS1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

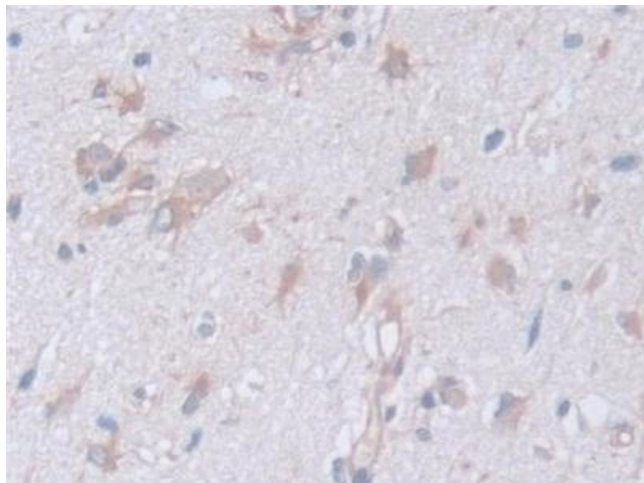
Target:	Calpain S1 (CAPNS1)
Alternative Name:	Calpain, Small Subunit 1 ( <a href="#">CAPNS1 Products</a> )
Background:	CANP, 30K, Calpain 4, CANPS, CAPN4, CDPS, Calcium-activated neutral proteinase small subunit, Calcium-dependent protease small subunit, Calpain regulatory subunit
Pathways:	<a href="#">Apoptosis</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

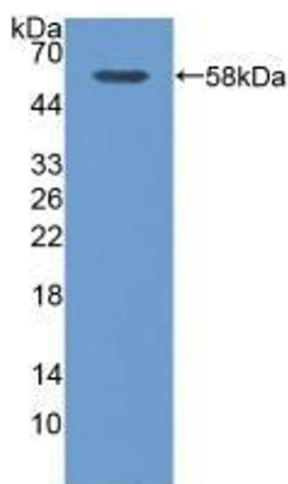
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



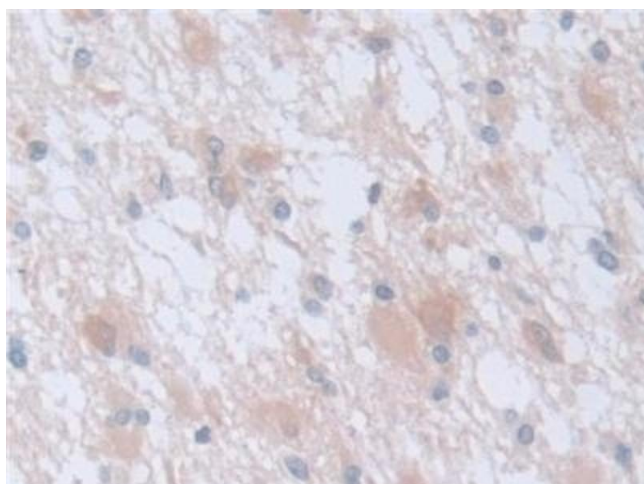
#### Immunohistochemistry

**Image 1.** Detection of CAPNS1 in Human Cerebrum Tissue using Polyclonal Antibody to Calpain, Small Subunit 1 (CAPNS1)



#### Western Blotting

**Image 2.** Detection of Recombinant CAPNS1, Human using Polyclonal Antibody to Calpain, Small Subunit 1 (CAPNS1)



#### Immunohistochemistry

**Image 3.** Detection of CAPNS1 in Human Glioma Tissue using Polyclonal Antibody to Calpain, Small Subunit 1 (CAPNS1)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7441262.