

Calpain S1/CAPNS1 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 201966-T46

GENERAL INFORMATION

Immunogen:	E. coli-derived Human Calpain S1/CAPNS1 fragment
Preparation	Produced in rabbits immunized with E. coli-derived Human Calpain S1/CAPNS1 fragment, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Calpain S1/CAPNS1
Formulation:	PBS, pH7.0 with 0.03% Proclin300
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Alternative Names:	CAPNS1

APPLICATIONS

Applications:	WB, IHC-P, ICC/IF, IP
---------------	-----------------------

RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:50-1:200
ICC/IF	ICC/IF: 1:100-1:500
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-5µL/mg of lysate

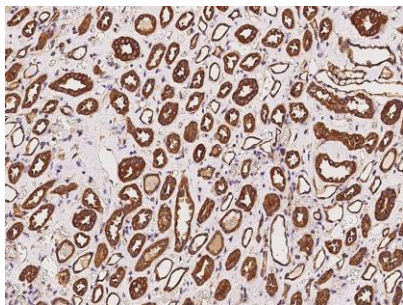
Please Note: Optimal concentrations/dilutions should be determined by the end user.

Calpain S1/CAPNS1 Antibody, Rabbit PAb, Antigen Affinity Purified

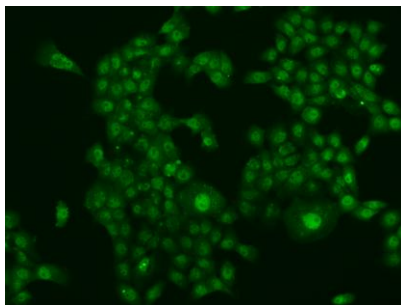


Sino Biological
Biological Solution Specialist

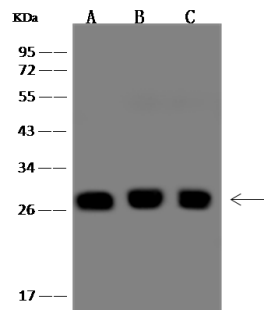
Catalog Number: 201966-T46



Immunohistochemical staining of human CAPNS1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence staining of CAPNS1 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CAPNS1 polyclonal antibody (dilution ratio 1:200) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



Anti-CAPNS1 rabbit polyclonal antibody at 1:500 dilution

Lane A: 293T Whole Cell Lysate

Lane B: K562 Whole Cell Lysate

Lane C: U-251 MG Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

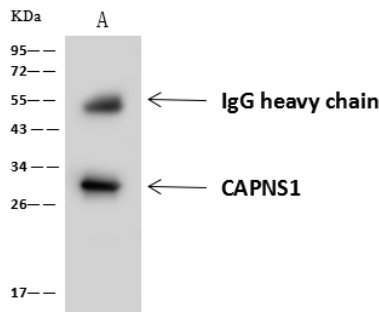
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 28 kDa

Observed band size: 28 kDa



CAPNS1 was immunoprecipitated using:

Lane A: 0.5 mg K562 Whole Cell Lysate

4 µL anti-CAPNS1 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-CAPNS1 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 26 kDa

Observed band size: 28 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Tel: +86-400-890-9989 (Global), +1-215-583-7898 (USA), +49(0)6196 9678656 (Europe)

Website: <http://www.sinobiological.com>