

# CAPNS2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP19354c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q96L46</a>
<b>Other Accession</b>	<a href="#">Q9D7J7</a> , <a href="#">NP_115706.1</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB40355
<b>Antigen Region</b>	55-83

## Additional Information

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<b>Other Names</b>	Calpain small subunit 2, CSS2, Calcium-dependent protease small subunit 2, CAPNS2
<b>Target/Specificity</b>	This CAPNS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the Central region of human CAPNS2.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	CAPNS2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.

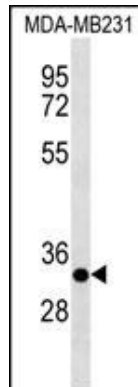
## References

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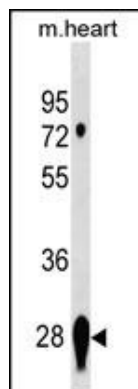
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Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Ma, H., et al. Curr. Eye Res. 29 (4-5), 337-347 (2004) :  
Schad, E., et al. Biochem. J. 362 (PT 2), 383-388 (2002) :

## Images

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CAPNS2 Antibody (Center)(Cat. #AP19354c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the CAPNS2 antibody detected the CAPNS2 protein (arrow).



CAPNS2 Antibody (Center) (Cat. #AP19354c) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the CAPNS2 antibody detected the CAPNS2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.