

Rabbit anti-Human, mouse CAPNS2 Polyclonal Antibody | anti-CAPNS2 antibody

CAPNS2 Antibody (Center)

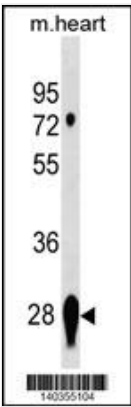
CATALOG # AAA284124	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

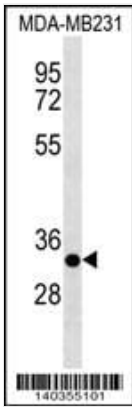
CAPNS2; Polyclonal Antibody; CAPNS2 Antibody (Center); Calpain small subunit 2; CSS2; Calcium-dependent protease small subunit 2; anti-CAPNS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	55-83
Sequence Length	248
Applicable Applications for anti-CAPNS2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-CAPNS2 antibody	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.
Product Categories/Family for anti-CAPNS2 antibody	Cell Biology; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) 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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	14161692
NCBI GeneID	84290
NCBI Accession #	NP_115706.1
NCBI GenBank Nucleotide #	NM_032330.1
UniProt Accession #	Q96L46; Q9BPV4
Molecular Weight	27660
NCBI Official Full Name	calpain small subunit 2
NCBI Official Synonym Full Names	calpain, small subunit 2
NCBI Official Symbol	CAPNS2
NCBI Protein Information	calpain small subunit 2
UniProt Protein Name	Calpain small subunit 2
UniProt Gene Name	CAPNS2
UniProt Synonym Gene Names	CSS2
UniProt Entry Name	CPNS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/capns2-antibody-western-blot-elisa/284124>