

Rabbit Calpain small subunit 2 (CAPNS2) ELISA Kit | CAPNS2 elisa kit

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CATALOG #
AAA245461

REACTIVITY
Rabbit

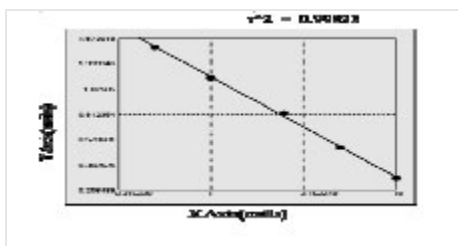
PRODUCT SYNONYMS

Calpain small subunit 2 (CAPNS2); Rabbit Calpain small subunit 2 (CAPNS2) ELISA Kit; CAPNS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAPNS2 elisa kit

Intended Uses: This CAPNS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CAPNS2. This ELISA kit for research use only!

Principle of the Assay|CAPNS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAPNS2 antibody and an CAPNS2-HRP conjugate. The assay sample and buffer are incubated together with CAPNS2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CAPNS2 concentration since CAPNS2 from samples and CAPNS2-HRP conjugate compete for the anti-CAPNS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CAPNS2 from the sample, fewer sites are left to bind CAPNS2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAPNS2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14161692
NCBI GeneID	84290

NCBI Accession #	NP_115706.1
NCBI GenBank Nucleotide #	NM_032330.1
Molecular Weight	27,660 Da
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; CSS2; calcium-dependent protease 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.

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Online datasheet: <https://www.aaabiotech.com/rabbit-elisa-kits/calpain-small-subunit-2-capns2/245461>