

KD-Validated Anti-Calpain small subunit 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1230

Product Information

Application	WB, FC, ICC
Primary Accession	P04632
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3720
Calculated MW	28316
Gene Name	CAPNS1
Aliases	CAPNS1; Calpain Small Subunit 1; CDPS; CANPS; CAPN4; CANP; Calcium-Activated Neutral Proteinase Small Subunit; Calcium-Dependent Protease Small Subunit 1; Calpain Regulatory Subunit; CANP Small Subunit; CSS1; 30K; Epididymis Secretory Sperm Binding Protein; Calcium-Dependent Protease, Small Subunit; Calcium-Dependent Protease Small Subunit; Calpain 4, Small Subunit (30K); Calpain, Small Polypeptide; CALPAIN4; CAPNS
Immunogen	A synthesized peptide derived from human Calpain small subunit 1

Additional Information

Gene ID	826
Other Names	Calpain small subunit 1, CSS1, Calcium-activated neutral proteinase small subunit, CANP small subunit, Calcium-dependent protease small subunit, CDPS, Calcium-dependent protease small subunit 1, Calpain regulatory subunit, CAPNS1, CAPN4, CAPNS

Protein Information

Name	CAPNS1
Synonyms	CAPN4, CAPNS
Function	Regulatory subunit of the calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Essential for embryonic development (By similarity).
Cellular Location	Cytoplasm. Cell membrane. Note=Translocates to the plasma membrane upon calcium binding.

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