Rabbit CAPNS1 Polyclonal Antibody | anti-CAPNS1 antibody

CAPNS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168123	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

CAPNS1; Polyclonal Antibody; CAPNS1 Polyclonal Antibody; 30K; CANP; CDPS; CSS1; CANPS; CAPN4; CALPAIN4; anti-CAPNS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	268
Applicable Applications for anti-CAPNS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CAPNS1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human brain using CAPNS1 Polyclonal Antibody at dilution of 1:60

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer using CAPNS1 Polyclonal Antibody at dilution of 1:60

ADDITIONAL INFORMATION

Related Product Information for anti-CAPNS1 antibody	Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. This gene encodes a small subunit common to both calpain I and II and is associated with myotonic dystrophy. Two transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-CAPNS1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	40674605
NCBI GeneID	826
Molecular Weight	28,316 Da
NCBI Official Full Name	CAPNS1 protein
NCBI Official Synonym Full Names	calpain, small subunit 1
NCBI Official Symbol	CAPNS1
NCBI Official Synonym Symbols	CANP; CDPS; CSS1; CANPS; CAPN4; CALPAIN4
NCBI Protein Information	calpain small subunit 1; CANP small subunit; calcium-activated neutral proteinase small subunit; calcium-dependent protease small subunit 1; calcium-dependent protease, small subunit; calpain 4, small subunit (30K); calpain regulatory subunit; calpain, small polypeptide
UniProt Protein Name	Calpain small subunit 1
UniProt Gene Name	**CAPNS1**
UniProt Synonym Gene Names	CAPN4; CAPNS; CSS1; CANP small subunit; CDPS
UniProt Entry Name	CPNS1_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://stage.aaabiotech.com/polyclonal/capns1-antibody-immunohistochemistry-western-blot-elisa/168123