

Rabbit Calpain 4 Polyclonal Antibody

Calpain 4 antibody

CATALOG # AAA108332	HOST Rabbit	APPLICATIONS Western Blot
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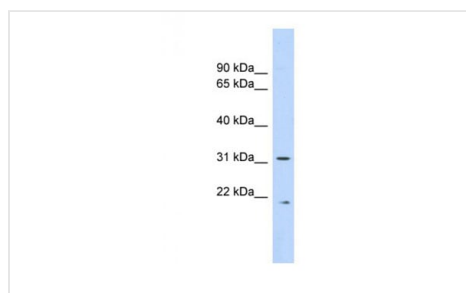
PRODUCT SYNONYMS

Calpain 4; Polyclonal Antibody; Calpain 4 antibody; Polyclonal Calpain 4; Anti-Calpain 4; CAPN4; CALPAIN4; 30K; Calpain Small Subunit 1; CDPS; CAPNS1; CANPS; CANP; anti-Calpain 4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	Calpain 4 antibody was raised against the middle region of CAPNS1
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1X PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-Calpain 4 antibody	WB (Western Blot)
Biological Significance	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.
Cross-Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit , Sheep
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CAPNS1
Implications in Disease	Calpain 4 antibody was raised using the middle region of CAPNS1 corresponding to a region with amino acids RRYSDSGNMDFDNFISCLVRLDAMFRAFKSLDKDGTGQIQVNIQEWLQL
Preparation and Storage	Store at 4°C short term Store at -20°C long term. Avoid repeat freeze-thaws.

IMAGES



WB (Western Blot)

Calpain 4 antibody (AAA108332) used at 1 ug/ml to detect target protein.

ADDITIONAL INFORMATION

Related Product Information for anti-Calpain 4 antibody	Rabbit polyclonal Calpain 4 antibody raised against the middle region of CAPNS1 Calpain 4 Blocking Peptide, (please inquire) is also available for use as a blocking control in assays to test for specificity of this Calpain 4 antibody. This is a rabbit polyclonal antibody against CAPNS1, which has been validated by Western Blot. We usually provide antibodies covering each member of a whole protein family of your interest.
Product Categories/Family for anti-Calpain 4 antibody	Neuroscience; Purified Polyclonal Antibodies

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/calpain-4-antibody-western-blot-elisa/108332>