

Rabbit Calmodulin Polyclonal Antibody | anti-CALM1 antibody

Calmodulin Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290186	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Mouse, Rabbit, Rat, Xenopus)	Immunohistochemistry, ELISA, Western Blot

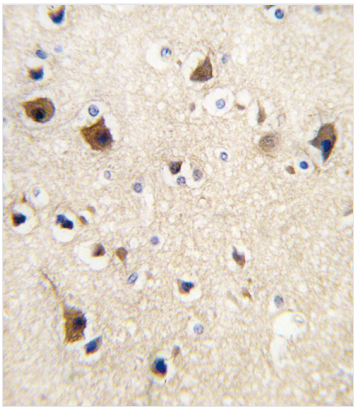
PRODUCT SYNONYMS

Calmodulin; Polyclonal Antibody; Calmodulin Antibody (C-term); CaM; CALM1; CALM; CAM; CAM1; anti-CALM1 antibody

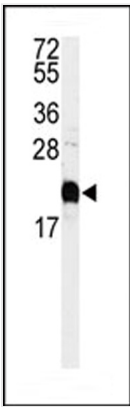
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Mouse, Rabbit, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Calmodulin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-149 amino acids from the C-terminal region of human Calmodulin.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	117-149
Sequence Length	149
Applicable Applications for anti-CALM1 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with Calmodulin antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-Calmodulin Antibody (C-term) in Hela cell line lysates (35ug/lane). Calmodulin(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CALM1 antibody	Calmodulin is the archetype of the family of calcium-modulated proteins of which nearly 20 members have been found. They are identified by their occurrence in the cytosol or on membranes facing the cytosol and by a high affinity for calcium. Calmodulin contains 149 amino acids and has 4 calcium-binding domains. Its functions include roles in growth and the cell cycle as well as in signal transduction and the synthesis and release of neurotransmitters.
Product Categories/Family for anti-CALM1 antibody	Cancer; Cardiovascular; Cell biology; Metabolism; Signal transduction
References	Radding, W., et al., AIDS Res. Hum. Retroviruses 16(15):1519-1525 (2000). Wang, D., et al., J. Neurochem. 75(2):763-771 (2000). Toutenhoofd, S.L., et al., Cell Calcium 23(5):323-338 (1998). Matoba, R., et al., Gene 146(2):199-207 (1994). Berchtold, M.W., et al., Genomics 16(2):461-465 (1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502549
NCBI GeneID	805
NCBI Accession #	NP_001734.1; NP_005175.2; NP_008819.1
NCBI GenBank Nucleotide #	NM_001743.5
UniProt Accession #	P62158; P02593; P70667; P99014; Q13942; Q53S29; Q61379; Q61380; Q96HK3
Molecular Weight	16838
NCBI Official Full Name	calmodulin isoform 2
NCBI Official Synonym Full Names	calmodulin 2 (phosphorylase kinase, delta)
NCBI Official Symbol	CALM2
NCBI Official Synonym Symbols	caM; PHKD; CAMII; LQT15; PHKD2
NCBI Protein Information	calmodulin
UniProt Protein Name	Calmodulin
UniProt Gene Name	CALM1

UniProt Synonym Gene Names	CALM; CAM; CAM1; CaM
UniProt Entry Name	CALM_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/polyclonal/calmodulin-antibody-immunohistochemistry-western-blot-elisa/290186>