

Rabbit Calmodulin Polyclonal Antibody | anti-CALM1 antibody

Calmodulin (Phospho-Thr79+Ser81) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316319	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

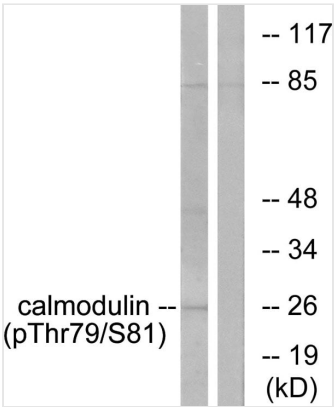
PRODUCT SYNONYMS

Calmodulin; Polyclonal Antibody; Calmodulin (Phospho-Thr79+Ser81) Antibody; CALM; CALM1; CALM2; CALM3; CAM; CAM1; CAM2; CAM3; CAMB; CAMC; anti-CALM1 antibody

PRODUCT SPECIFICATIONS

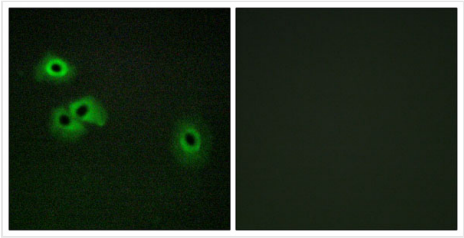
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Calmodulin (Phospho-Thr79+Ser81) Antibody detects endogenous levels of Calmodulin only when phosphorylated at Thr79 and Ser81.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-CALM1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T79+S81; M:T79+S81; R:T79+S81
Immunogen	The antiserum was produced against synthesized peptide derived from human Calmodulin around the phosphorylation site of Thr79 and Ser81.
Immunogen Range	46-95
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



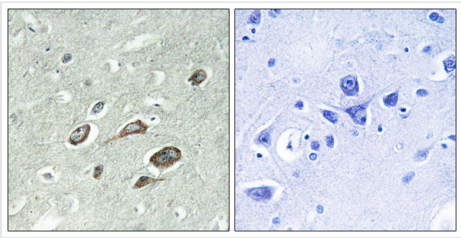
WB (Western Blot)

Western blot analysis of lysates from Jurkat cells treated with Insulin 0.01U/ml 15', using Calmodulin (Phospho-Thr79+Ser81) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using Calmodulin (Phospho-Thr79+Ser81) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using Calmodulin (Phospho-Thr79+Ser81) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49037474
NCBI GeneID	801
UniProt Accession #	P62158; P0DP23
Molecular Weight	16 kDa
NCBI Official Synonym Full Names	calmodulin 1
NCBI Official Symbol	CALM1
NCBI Official Synonym Symbols	caM; CAMI; PHKD; CPVT4; DD132; LQT14; CALML2
NCBI Protein Information	calmodulin-1; calmodulin

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-immunofluorescence-immunohistochemistry-western-blot-elisa/316319>