

Rabbit Calmodulin Antibody | anti-CALM antibody

Calmodulin (Phospho-Thr79+Ser81) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111547	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

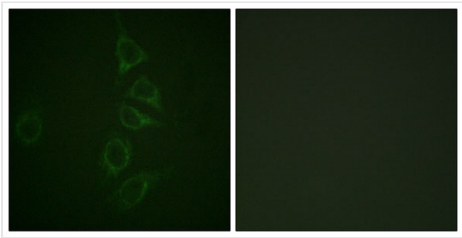
PRODUCT SYNONYMS

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

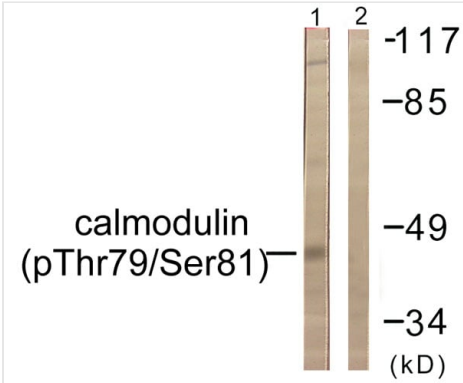
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	Calmodulin (Phospho-Thr79+Ser81) antibody detects endogenous levels of Calmodulin only when phosphorylated at threonine 79 and serine 81.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CALM antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Calmodulin around the phosphorylation site of threonine 79 and serine 81 (K-D-T ^P -D-S ^P -E-E).
All Sites	Human: Thr79+Ser81 Mouse: Thr79+Ser81 Rat: Thr79+Ser81
Preparation and Storage	Store at -20 degree C for 1 year.

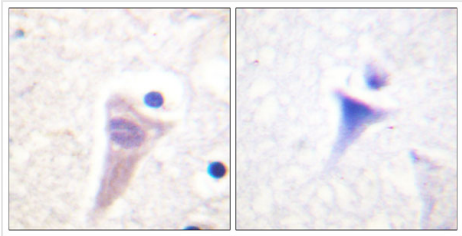
IMAGES



IF (Immunofluorescence)
P-peptide-+ Immunofluorescence analysis of HepG2 cells, using Calmodulin (Phospho-Thr79+Ser81) antibody.



WB (Western Blot)
Western blot of extracts from Jurkat cells, treated with Insulin (0.01U/ml, 15mins), using Calmodulin (Phospho-Thr79+Ser81) antibody



Application Data
P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using Calmodulin (Phospho-Thr79+Ser81) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CALM antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	DM Roberts, PNAS, Sep 1992; 89: 8394. Whaseon Lee-Kwon, Am J Physiol Renal Physiol, Jan 2007; 292: F404-F414. Roy A. Johanson, J. Neurosci., Apr 2000; 20: 2860. Ji Young Choi, J. Biol. Chem., Jun 2002; 277: 21630-21638.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49037474
NCBI GeneID	801
UniProt Accession #	P62158; P0DP23
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

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.