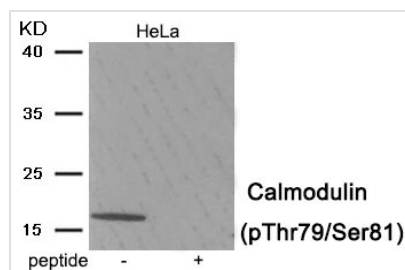




Phospho-CALM1 (Thr79/Ser81) Antibody

Product Code	CSB-PA138169
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62158
Immunogen	Peptide sequence around phosphorylation site of threonine79/serine81(K-D-T(p)-D-S(p)-E-E) derived from Human Calmodulin .
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of Calmodulin only when phosphorylated at threonine 79/serine 81.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Calmodulin mediates the control of a large number of enzymes, ion channels, aquaporins and other proteins by Ca²⁺. Among the enzymes to be stimulated by the calmodulin-Ca²⁺ complex are a number of protein kinases and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis. Allen D, Fakler B, Maylie J, Adelman JP (2007) J Neurosci 27, 2369-76 Arrigoni G, et al. (2004) Biochemistry 43, 12788-98 Greif DM, Sacks DB, Michel T (2004) Proc Natl Acad Sci U S A 101, 1165-70
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	CALM; CALM1; CALM2; CALM3; CAM
Product Type	Polyclonal Antibody
Target Names	CALM1

Image



Western blot analysis of extracts from HeLa tissue using Calmodulin (Phospho-Thr79/Ser81) antibody. The lane on the right is treated with the antigen-specific peptide.



Product Modify**Phospho-Thr79/Ser81**