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Anti-Calmodulin Antibody

Rabbit polyclonal antibody to Calmodulin
Catalog # AP59496

Product Information

Application	WB, IP, IF/IC, IHC
Primary Accession	P62158
Other Accession	P62204
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Bovine, SARS
Host	Rabbit
Clonality	Polyclonal

Additional Information

Other Names	CALM; CAM; CAM1; CAM2; CAMB; CALML2; CAM3; CAMC; CAMIII; Calmodulin; CaM
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Calmodulin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100) IP~~N/A IF/IC~~N/A IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

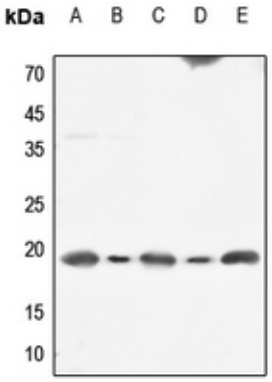
Protein Information

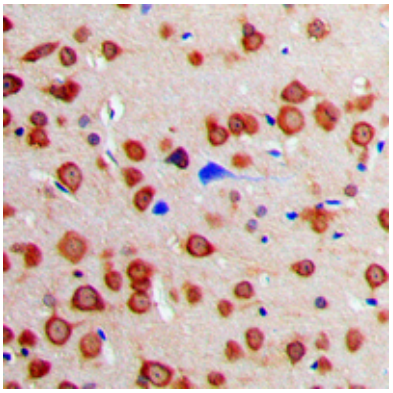
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Calmodulin. The exact sequence is proprietary.

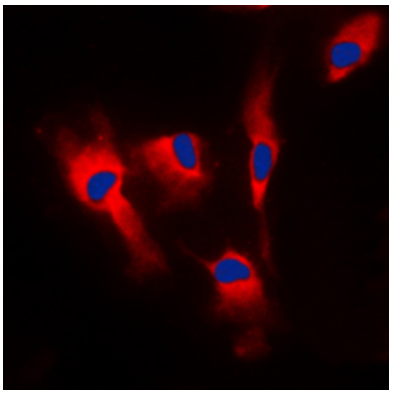
Images

Western blot analysis of Calmodulin expression in HEK293T (A), Hela (B), mouse testis (C), mouse kidney (D), rat testis (E) whole cell lysates.





Immunohistochemical analysis of Calmodulin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Calmodulin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.