



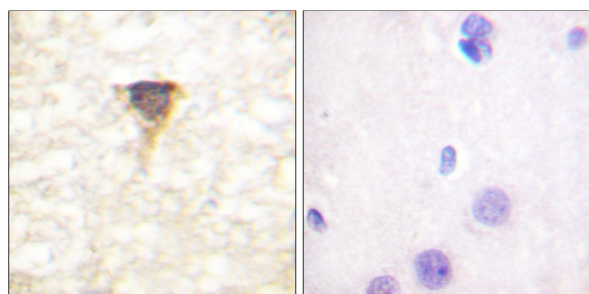
CaMK4 (Ab-196/200) Antibody

E11-0831B**Catalog Number:** E11-0831B**Concentration:** 1mg/ml**Swiss-Prot No.:** Q16566**Other Names:** CAM kinase-GR, CAMK4, CaMK IV, CaMKIV, Calcium/calmodulin-dependent protein kinase type IV catalytic chain, Calspermin, EC 2.7.11.17, KCC4, kinase CaMK4**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human CaMK4 around the phosphorylation site of threonine 196/200 (M-K-T^P-V-C).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity:** CaMK4 (Ab-196/200) antibody detects endogenous levels of total CaMK4 protein.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:10000**References:**

Christine M. Kitsos, J. Biol. Chem., Sep 2005; 280: 33101 - 33108.

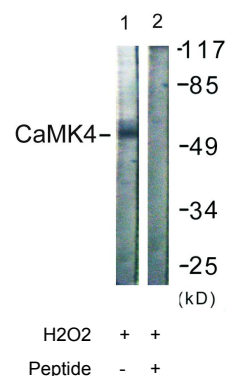
Joy Y. Wu, Mol. Cell. Biol., Sep 2001; 21: 6066 - 6070.

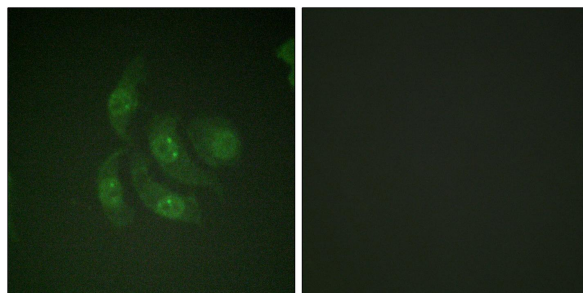
Joy Y. Wu, Endocrinology, Dec 2000; 141: 4777.



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK4 (Ab-196/200) antibody.

Western blot analysis of extracts from K562 cells, treated with H₂O₂ (100uM, 30mins), using CaMK4 (Ab-196/200) antibody.**For Research Use Only**



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Immunofluorescence analysis of HepG2 cells, using
CaMK4 (Ab-196/200) antibody.