

bs-6728R**[Primary Antibody]****phospho-CAMK4 (Thr196 + Thr200) Rabbit pAb****Bioss**
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 814	SWISS: Q16566	IHC-F (1:100-500)
Target: CAMK4 (Thr196 + Thr200)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human CAMKIV around the phosphorylation site of Thr196 + Thr200.: MK(p-T)VCG(p-T)PG.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog)
Concentration: 1mg/ml		Predicted MW.: 55 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm ,Nucleus
Background: Ca2+/calmodulin dependent protein kinase type IV (CAMKIV) belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.		

— SELECTED CITATIONS —

- **[IF=4.4]** Kai Tang. et al.Neoandrographolide inhibits mature osteoclast differentiation to alleviate bone loss and treat osteoporosis.FRONTIERS IN PHARMACOLOGY.2025 Feb 11;16:1466057. Western Blot ;Mouse. 40008134