

Product datasheet for **TA332597S**

CAMKIV (CAMK4) Rabbit Polyclonal Antibody

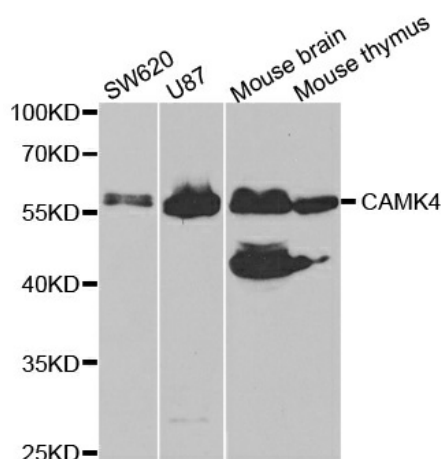
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CAMK4
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	473
Gene Name:	calcium/calmodulin-dependent protein kinase IV
Database Link:	NP_001735 Entrez Gene 12326 MouseEntrez Gene 25050 RatEntrez Gene 814 Human Q16566
Background:	The product of this gene 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.
Synonyms:	caMK; CaMK-GR; CaMK IV; IV
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Calcium signaling pathway, Long-term potentiation, Neurotrophin signaling pathway

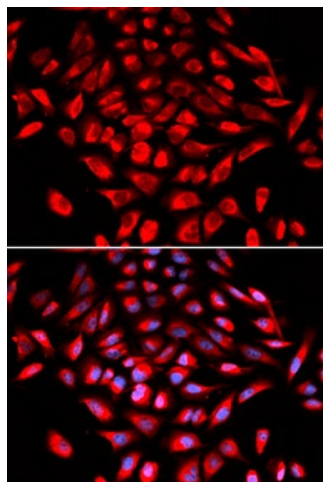


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Product images:



Western blot analysis of extracts of various cell lines, using CAMK4 antibody.



Immunofluorescence analysis of U2OS cell using CAMK4 antibody. Blue: DAPI for nuclear staining.