

Product datasheet for **TA357842**

CAMKIV (CAMK4) Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Specificity: | Expected reactivity: Dog, Horse, Human, Mouse, Rat, Zebrafish Homology: Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 79% |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 52kDa |
| Gene Name: | calcium/calmodulin-dependent protein kinase IV |
| Database Link: | NP_001735 Entrez 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-GR; MGC36771 |
| Protein Families: | Druggable Genome, Protein Kinase |
| Protein Pathways: | Calcium signaling pathway, Long-term potentiation, Neurotrophin signaling pathway |



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Product images:



WB Suggested Anti-CAMK4 Antibody
Titration: 1.0 ug/ml
Positive Control: ACHN Whole Cell