

# **Product datasheet for TA362804**

## OriGene Technologies, Inc.

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### **CAMKIV (CAMK4) Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle region of human CAMK4

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

**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: 52 kDa

Gene Name: calcium/calmodulin-dependent protein kinase IV

Database Link: NP 001310303.1

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

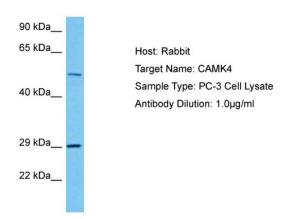
transcriptional regulation in lymphocytes, neurons and male germ cells.

Synonyms: CaMK-GR; MGC36771





# **Product images:**



Host: Rabbit

Target Name: CAMK4

Sample Tissue: Human PC-3 Whole Cell lysates

Antibody Dilution: 1ug/ml