

## **Product datasheet for TA361361**

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### **CERK Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N terminal region of human

CERK

**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: 59 kDa

Gene Name: ceramide kinase

Database Link: NP 073603.2

Entrez Gene 64781 Human

Q8TCT0

Background: CERK converts ceramide to ceramide 1-phosphate (C1P), a sphingolipid metabolite. Both

CERK and C1P have been implicated in various cellular processes, including proliferation,

apoptosis, phagocytosis, and inflammation.

Synonyms: dA59H18.2; dA59H18.3; DKFZp434E0211; FLJ21430; FLJ23239; hCERK; KIAA1646; LK4;

MGC131878

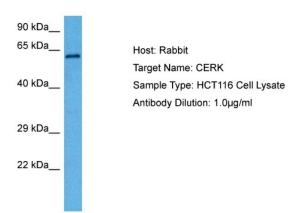
**Protein Families:** Druggable Genome





**Protein Pathways:** Metabolic pathways, Sphingolipid metabolism

# **Product images:**



Host: Rabbit Target Name: CERK

Sample Tissue: Human HCT116 Whole Cell

lysates

Antibody Dilution: 1ug/ml