

## **Product datasheet for TA362530**

### OriGene Technologies, Inc.

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# Casein Kinase 1 alpha (CSNK1A1) 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

CSNK1A1

**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: 35 kDa

**Gene Name:** casein kinase 1 alpha 1

Database Link: <u>NP 001020276.1</u>

Entrez Gene 1452 Human

P48729-3

**Background:** Casein kinases are operationally defined by their preferential utilization of acidic proteins

such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May phosphorylate PER1 and PER2. May

play a role in segregating chromosomes during mitosis. May play a role in keratin cytoskeleton disassembly and thereby, it may regulate epithelial cell migration.

Synonyms: CK1; CKI-alpha; HLCDGP1; PRO2975



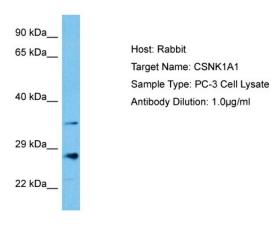


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**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase

**Protein Pathways:** Hedgehog signaling pathway, Wnt signaling pathway

# **Product images:**



Host: Rabbit

Target Name: CSNK1A1

Sample Tissue: Human PC-3 Whole Cell lysates

Antibody Dilution: 1ug/ml