

# **Product datasheet for TA392922S**

# OriGene Technologies, Inc.

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### Casein Kinase 2 beta (CSNK2B) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

**Reactivity:** WB: 1:500~1:1000 Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Synthetic phosphopeptide derived from human Cytokeratin 8 around the phosphorylation

site of Serine 432

Specificity: Casein Kinase IIβ (phospho-S209) polyclonal antibody detects endogenous levels of Casein

Kinase IIβ protein only when phosphorylated at Ser209.

Formulation: Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Concentration: 1mg/ml

Conjugation: Unconjugated

Storage: Store at 4°C short term. Aliquot and store at -21°C long term. Avoid freeze-thaw cycles.

Stability: 1 year

Predicted Protein Size: ~ 27 kDa

**Gene Name:** casein kinase 2 beta

Database Link: Entrez Gene 1460 Human

P67870

Background: CK2 (formerly called Casein Kinase II) is a highly conserved protein kinase with more than 300

substrates regulating cell growth, cell death, and cell survival. CK2 has been implicated in the response to UV irradiation-induced DNA damage, targeting XRCC1 and BRCA1 as well as regulating p53 tumor suppressor protein functions. Furthermore, CK2 plays a key role in NF-

кВ activation.

Synonyms: CK-8; CYK8; Cytokeratin-8; K8; Keratin, type II cytoskeletal 8; Keratin-8; KRT8; Type-II keratin

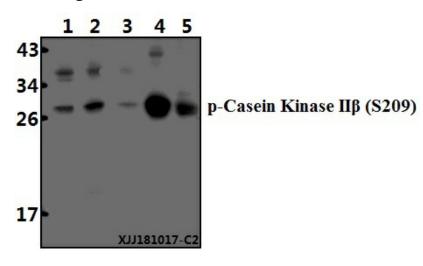
Kb8



Note:

For research use only, not for use in diagnostic procedure.

# **Product images:**



Western blot (WB) analysis of Casein Kinase IIβ (phospho-S209) polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate(40μg) Lane2:Panc1 whole cell lysate(40μg) Lane3:U-87MG whole cell lysate(40μg) Lane4:The Brain tissue lysate of Rat(40μg) Lane5:The Kidney tissue lysate of Mouse(40μg)