

# **Product datasheet for TA375157**

### OriGene Technologies, Inc.

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

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-215 of

human Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) (NP\_001311.3).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 24kDa

**Gene Name:** casein kinase 2 beta

Database Link: Entrez Gene 1460 Human

P67870

**Background:** This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which

regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and

the Golgi apparatus. Two transcript variants encoding different isoforms have been found for

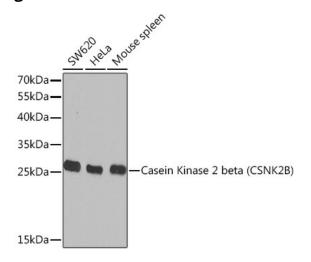
this gene. [provided by RefSeq, Sep 2013]



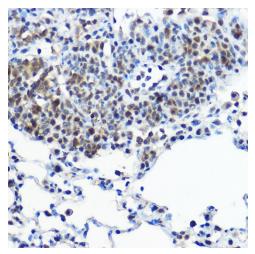
Synonyms:

CK2B; CK2N; CSK2B; G5A; MGC138222; MGC138224; OTTHUMP00000029063; OTTHUMP00000029064; phosvitin

## **Product images:**

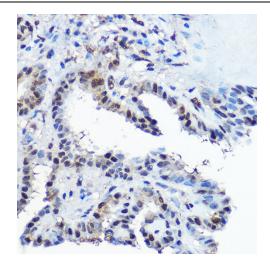


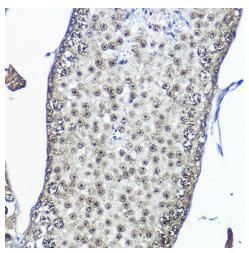
Western blot analysis of extracts of various cell lines, using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (TA375157) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat lung using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (TA375157) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.







Immunohistochemistry of paraffin-embedded human thyroid cancer using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (TA375157) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded mouse testis using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (TA375157) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.