

# Casein Kinase 2 beta (CSNK2B) Rabbit pAb

Catalog No.: A17467

## Basic Information

### Observed MW

25kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

1460

### Swiss Prot

P67870

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-215 of human Casein Kinase 2 beta (CSNK2B) (NP\_001311.3).

### Synonyms

G5A; CK2B; CK2N; Ckb1; Ckb2; CSK2B; POBINDS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

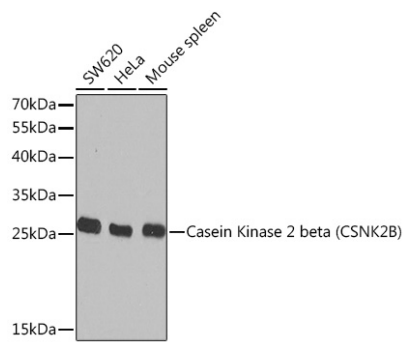
Affinity purification

### Storage

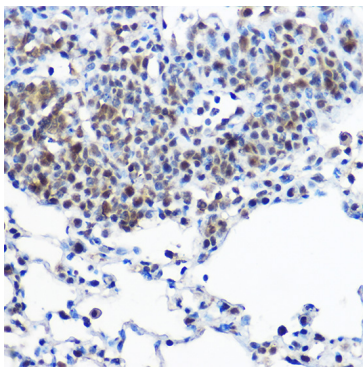
Store at -20°C. Avoid freeze / thaw cycles.

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

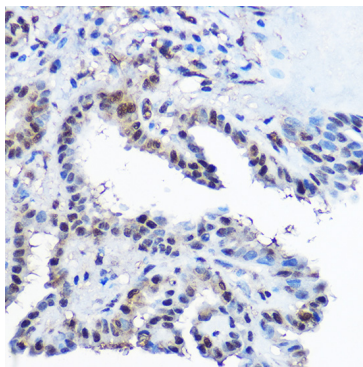
## Validation Data



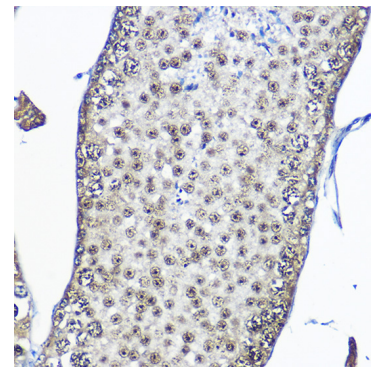
Western blot analysis of various lysates using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (A17467) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat lung using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (A17467) 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 analysis of paraffin-embedded human thyroid cancer using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (A17467) 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 analysis of paraffin-embedded mouse testis using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (A17467) 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.