

A17467

Leader in Biomolecular Solutions for Life Science



Casein Kinase 2 beta (CSNK2B) Rabbit pAb

Catalog No.: A17467

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1460

Swiss Prot

P67870

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

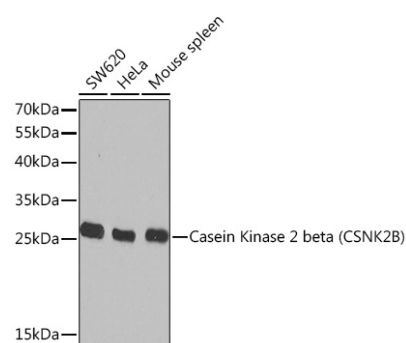
Affinity purification

Storage

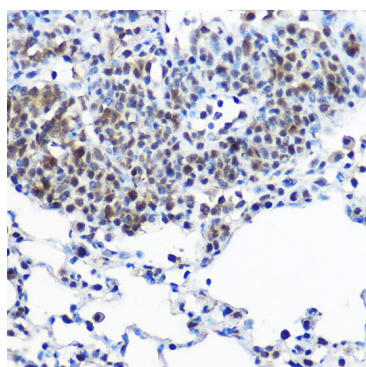
Store at -20°C. Avoid freeze / thaw cycles.

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

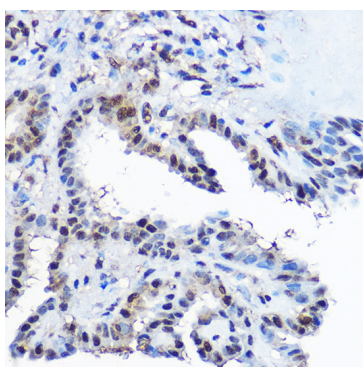
Validation Data



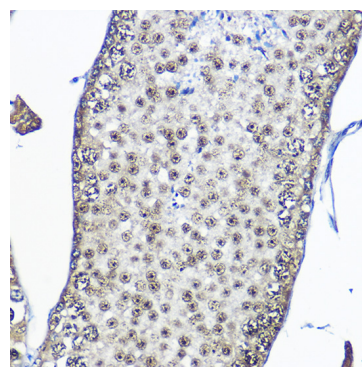
Western blot analysis of various lysates using Casein Kinase 2 beta (Casein Kinase 2 beta (CSNK2B)) Rabbit pAb (A17467) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk 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). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



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). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



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). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.