

# Casein Kinase 2 alpha (CSNK2A1) Rabbit pAb

 Catalog No.: A17466 1 Publications

## Basic Information

**Observed MW**

45kDa

**Calculated MW**

45kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IHC-P,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

## Background

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. Multiple transcript variants encoding different protein isoforms have been found for this gene.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Contact


[www.abclonal.com](http://www.abclonal.com)

## Immunogen Information

**Gene ID**

1457

**Swiss Prot**

P68400

**Immunogen**

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

**Synonyms**

CKII; Cka1; Cka2; CK2A1; OCNDS; Casein Kinase 2 alpha (CSNK2A1)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

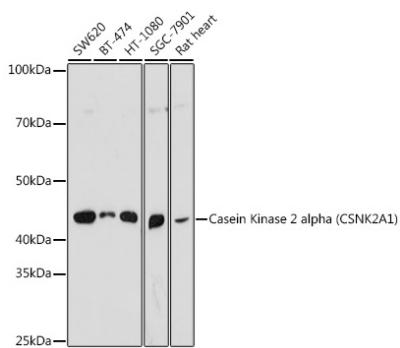
Affinity purification

**Storage**

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using Casein Kinase 2 alpha (CSNK2A1) Rabbit pAb (A17466) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.