

## CSNK2A1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:200 - 1:1000 IHC 1:25 - 1:100

**Calculated MW:**45kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CSNK2A1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

µg

**Synonym:**

CKII; CK2A1; CSNK2A3;

**Catalog #:**A2694

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1457

**Isotype:**IgG

**Swiss Prot:**P68400

**Purity:**Affinity purification

For research use only.

**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. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.

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