

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:

p

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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