

Datasheet for ABIN2459510
anti-CSNK2A1/CK II alpha antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Reactivity:	Human, Mouse, Rat, Drosophila melanogaster, C. elegans
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK2A1/CK II alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CSNK2A1.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	CSNK2A1 (CSNK2A1 Products)
Background:	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. 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. CSNK2A1 represents the alpha subunit. Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase

Target Details

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.

Molecular Weight: 45 kDa

Gene ID: 1457

NCBI Accession: [NP_001886](#)

UniProt: [P68400](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: CSNK2A1 antibody can be used for detection of CSNK2A1 by ELISA at 1:62500. CSNK2A1 antibody can be used for detection of CSNK2A1 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

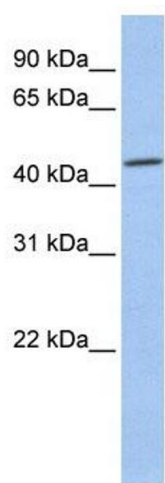
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store CSNK2A1 antibody at -20 °C.



Western Blotting

Image 1.