

Datasheet for ABIN632224

anti-CSNK2A1/CK II alpha antibody (C-Term)



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1 Image

Overview

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

Product Details

Immunogen:	CK2 alpha antibody was raised using the C terminal of CSNK2 A2 corresponding to a region with amino acids GTEELYGYLKKYHIDLDPHFNDILGQHSRKRWENFIHSENRLVSPEALD
Specificity:	CK2 alpha antibody was raised against the C terminal of CSNK2 A2
Purification:	Affinity purified

Target Details

Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	CK2 alpha
Background:	CSNK2A2 belongs to the protein kinase superfamily, Ser/Thr protein kinase family, CK2 subfamily. It contains 1 protein kinase domain. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. The alpha and alpha'

Target Details

chains contain the catalytic site. CSNK2A2 participates in Wnt signaling. It phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.

Molecular Weight: 39 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: CK2 alpha Blocking Peptide, (ABIN938991), is also available for use as a blocking control in assays to test for specificity of this CK2 alpha antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CSNK0 2 antibody in PBS

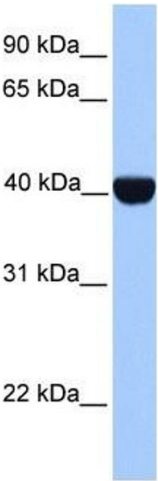
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. CK2 alpha antibody used at 1 ug/ml to detect target protein.