

Datasheet for ABIN871699

anti-CSNK2A1/CK II alpha antibody (AA 353-357)



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Overview

Quantity:	100 µL
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Binding Specificity:	AA 353-357
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:	Peptide sequence around AA 353-357 (C-S-G-I-S) derived from Human CK2a. Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.
Specificity:	The antibody detects endogenous levels of total CK2 protein.
Purification:	Affinity purified

Target Details

Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	CK2alpha (CSNK2A1 Products)
Background:	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. The α and α' chains contain the catalytic site. Participates in Wnt signaling. CK2 phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.

Target Details

Molecular Weight:	42 kDa
Gene ID:	1495
NCBI Accession:	NP_001894
UniProt:	P68400
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blotting: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.