

Datasheet for ABIN392766

anti-CSNK2A1/CK II alpha antibody (AA 240-269)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Binding Specificity:	AA 240-269
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CKII alpha (CSNK2A1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-269 amino acids from the Central region of human CKII alpha (CSNK2A1).
Clone:	RB4025
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Rb, X
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	CKII alpha (CSNK2A1) (CSNK2A1 Products)

Target Details

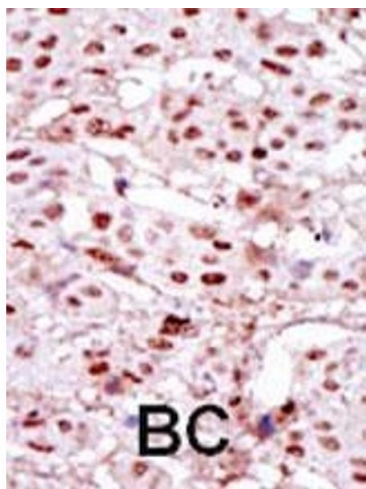
Background:	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation.
Molecular Weight:	45144
Gene ID:	282419
NCBI Accession:	NP_001886 , NP_808227 , NP_808228
UniProt:	P68400
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:50~100
Restrictions:	For Research Use only

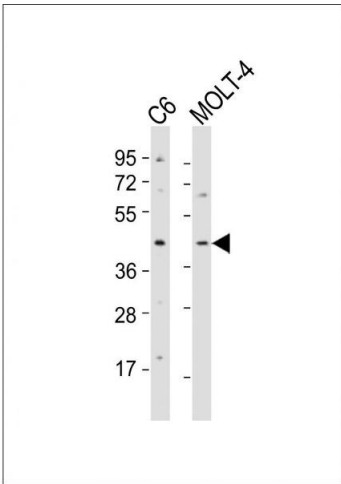
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma



Western Blotting

Image 2. All lanes : Anti-CSNK2A1 Antibody at 1:2000 dilution Lane 1: C6 whole cell lysates Lane 2: MOLT-4 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 45 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.