

Datasheet for ABIN7454514

anti-CSNK2A1/CK II alpha antibody (AA 300-350)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Binding Specificity:	AA 300-350
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK2A1/CK II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-CKII alpha Antibody, Affinity Purified
Immunogen:	between AA 300 and 350
Isotype:	IgG
Predicted Reactivity:	Rat,Chicken,Bovine,Rabbit
Purification:	Affinity Purified

Target Details

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

Target Details

Background:	Background: Casein kinase II (CKII) is a serine/threonine protein kinase that is required for progression through the cell cycle but whose major functions are not clearly understood. CKII is composed of a heterotetrameric complex that includes alpha and alpha-prime catalytic subunits and a beta non-catalytic subunit. Although from independent genes, CKII alpha and CKII alpha-prime can compensate for each other for some functions. However in response to ionizing radiation (IR) damage, CKII alpha and CKII alpha-prime appear to function independently in inhibiting apoptosis signaling.
Gene ID:	1457
NCBI Accession:	NP_001886
UniProt:	P68400
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: Not recommended. Use rabbit anti-CKII alpha antibody A300-198A. WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months