

Datasheet for ABIN7464732

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

Overview

Quantity:	100 µL
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK2A1/CK II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Casein Kinase 2 alpha. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	casein kinase 2, alpha 1 polypeptide (CSNK2A1 Products)

Target Details

Background:	CK2A1 antibody , CKII antibody , CSNK2A1 antibody , casein kinase II alpha 1 subunit antibody , CK II alpha antibody , protein kinase CK2 antibody , CK2 catalytic subunit alpha antibody , casein kinase II subunit alpha antibody , casein kinase 2 , alpha 1 polypeptide antibody,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. 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. [provided by RefSeq]
Molecular Weight:	45 kDa
Gene ID:	1457
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: mouse brain , 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji , PC-12 , Rat2 , rat brain Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.62 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

Handling

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.