

Datasheet for ABIN630641 anti-CK1 epsilon antibody (N-Term)

1 Image



Overview

Overview	
Quantity:	100 μL
Target:	CK1 epsilon (CSNK1E)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CK1 epsilon antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	CK1 epsilon antibody was raised using the N terminal of CSNK1 E corresponding to a region
	with amino acids MELRVGNKYRLGRKIGSGSFGDIYLGANIASGEEVAIKLECVKTKHPQLH
Specificity:	CK1 epsilon antibody was raised against the N terminal of CSNK1 E
Purification:	Affinity purified
Target Details	
Target:	CK1 epsilon (CSNK1E)
Alternative Name:	CK1 epsilon (CSNK1E Products)
Background:	Casein kinases are operationally defined by their preferential utilization of acidic proteins such
	as caseins as substrates. CSNK1E can phosphorylate a large number of proteins. CSNK1E
	participates in Wnt signaling and is the central component of the circadian clock. It may act as

Target Details

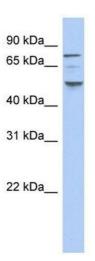
	a negative regulator of circadian rhythmicity by phosphorylating PER1 and PER2. CSNK1E inhibits cytokine-induced granuloytic differentiation.
Molecular Weight:	47 kDa (MW of target protein)
Pathways:	Hedgehog Signaling, M Phase

Application Details

Application Notes:	WB: 1 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	CK1 epsilon Blocking Peptide, catalog no. 33R-5936, is also available for use as a blocking control in assays to test for specificity of this CK1 epsilon antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CSNK0 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. CK1 epsilon antibody used at 1 ug/ml to detect target protein.