

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



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1 Image

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 granulocytic 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.