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Datasheet for ABIN7146866 anti-CK1 epsilon antibody (Isoform epsilon)

3 Images



Overview

Quantity:	100 µg
Target:	CK1 epsilon (CSNK1E)
Binding Specificity:	AA 17-231, Isoform epsilon
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CK1 epsilon antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

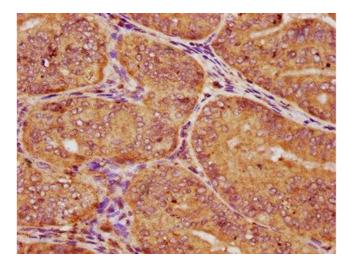
Immunogen:	Recombinant Human Casein kinase I isoform epsilon protein (17-231AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CK1 epsilon (CSNK1E)
Alternative Name:	CSNK1E (CSNK1E Products)
Background:	Background: Casein kinases are operationally defined by their preferential utilization of acidic
	proteins such as caseins as substrates. Can phosphorylate a large number of proteins.

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May act as a negative regulator of circadian rhythmicity by phosphorylating PER1 a Retains PER1 in the cytoplasm. Inhibits cytokine-induced granuloytic differentiation Aliases: Casein kinase 1 epsilon antibody, Casein kinase I antibody, Casein kinase I isoform epsilon antibody, CKI epsilon differentiation Oubletime, Drosophila, homolog of antibody, EC 2.7.11.1 antibody, psilon isoform HCK IE antibody, CKIE antibody, KC1E_HUMAN antibody, kinase CK1 epsilon antib 10398 antibody UniProt: P49674 Pathways: Hedgehog Signaling, M Phase Application Details Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, Restrictions: For Research Use only Handling Format: Eliquid Eliquid Buffer: Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4 Preservative: Preclin Preclin Preservative: ProClin		
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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which		Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
	Preservative:	ProClin
handled by trained staff only.	Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
		handled by trained staff only.
Storage: -20 °C,-80 °C	Storage:	-20 °C,-80 °C
Storage Comment:	Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

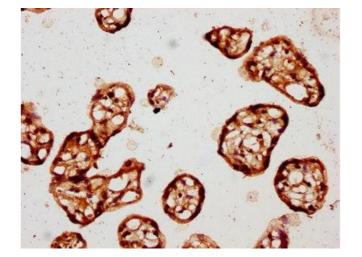


Immunohistochemistry

Image 1. IHC image of ABIN7146866 diluted at 1:150 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: SH-SY5Y whole cell lysate All lanes: CSNK1E antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7146866 diluted at 1:150 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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