



Anti-CSNK1E (aa 43-416) polyclonal antibody (DPABH-04838)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. Can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates DVL1. Central component of the circadian clock. May act as a negative regulator of circadian rhythmicity by phosphorylating PER1 and PER2. Retains PER1 in the cytoplasm. Inhibits cytokine-induced granulocytic differentiation.
Immunogen	Synthetic peptide: PASQTSVPFDHLGK by a Cysteine residue linker, corresponding to C terminal amino acids 43-416 of Human CK1 epsilon
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse, Rat, Dog, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 98% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CSNK1E casein kinase 2, epsilon [Homo sapiens]
Official Symbol	CSNK1E
Synonyms	CSNK1E; casein kinase 1, epsilon; HCKIE; CKlepsilon; casein kinase I isoform epsilon; CKIepsilon; CKI-epsilon;
Entrez Gene ID	1454
Protein Refseq	NP_001885.1
UniProt ID	P49674
Pathway	Canonical Wnt signaling pathway; Cell Cycle, Mitotic; Circadian Clock; Circadian rhythm.