[KO Validated] CSNK1E Rabbit Polyclonal Antibody

CAB1796



Product Information	Protein Background
Size:	The protein encoded by this gene is a serine/threonine protein kinase and a member of the
20uL, 50uL, 100uL, 200uL	casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two
Observed MW:	
47kDa	transcript variants encoding the same protein have been found for this gene.
Calculated MW:	Immunogen information
47kDa	Gene ID:
Applications:	1454
WB IHC IF IP	Uniprot
Reactivity:	P49674
Human, Mouse, Rat	Synonyms: CSNK1E; CKIepsilon; HCKIE
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:100	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 247-416 of human CSNK1E (NP_689407.1).

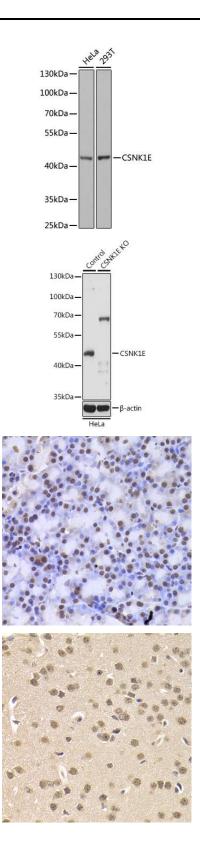
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

lsotype: lgG

Source: Rabbit

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using CSNK1E antibody (CAB1796) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Western blot analysis of extracts from normal (control) and CSNK1E knockout (KO) HeLa cells, using CSNK1E antibody (CAB1796) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.

Immunohistochemistry of paraffin-embedded rat pancreas using CSNK1E Antibody (CAB1796) at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded mouse brain using CSNK1E Antibody (CAB1796) at dilution of 1:200 (40x lens).