

Casein Kinase 1 delta Polyclonal Antibody

Catalog number: 14388-1-AP

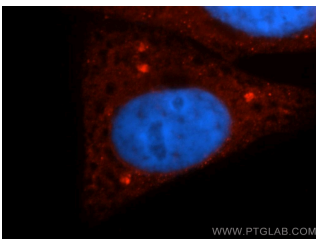
Size: 30 µg/150 µl

Source: Rabbit

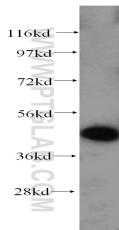
Isotype: IgG

Synonyms:

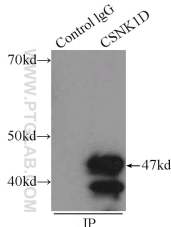
CSNK1D; Casein Kinase 1 delta, casein kinase 1, delta, Casein kinase I isoform delta, CKI delta, CKId, CSNK1D, HCKID



Immunofluorescent analysis of HepG2 cells, using CSNK1D antibody 14388-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



HeLa cells were subjected to SDS PAGE followed by western blot with 14388-1-AP(CSNK1D antibody) at dilution of 1:600



IP Result of anti-CSNK1D (IP:14388-1-AP, 3ug; Detection:14388-1-AP 1:1000) with HeLa cells lysate 2000ug.

Background

CSNK1D(casein kinase I isoform delta) is also named as HCKID, CKId and belongs to the casein kinase I subfamily. CKI is a ubiquitous enzyme which has been found in the cytosol, associated with membranes, and in the nucleus. It can phosphorylate a large number of cytosolic, membrane-associated, and nuclear proteins(PMID:8454611). CSNK1D is found to be associated generally with granulovacuolar bodies and tau-containing neurofibrillary tangles in AD, DS, PSP, PDC, PPND, and controls, and Pick bodies and ballooned neurons in PID(PMID:10924763). It has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IF, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Calculated Casein Kinase 1 delta MW:	47 kDa
Observed Casein Kinase 1 delta MW:	47kd
Positive WB detected in	HeLa cells, HEK-293 cells, K-562 cells
Positive IP detected in	HeLa cells
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5856
GenBank accession number:	BC003558
Gene ID (NCBI):	1453
Full name:	Casein kinase 1, delta

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.