

CSNK2A2 Polyclonal Antibody

Catalog number: 10606-1-AP

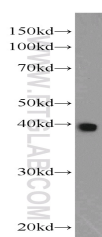
Size: 37 µg/150 µl

Source: Rabbit

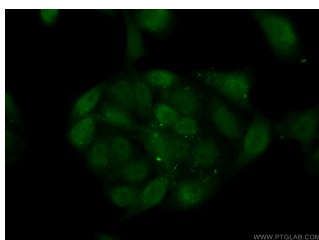
Isotype: IgG

Synonyms:

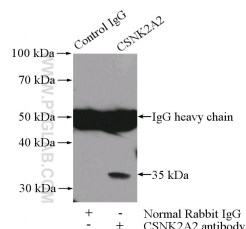
CSNK2A2; Casein kinase II subunit alpha, CK II alpha, CK2A2, CSNK2A1, CSNK2A2, FLJ43934



HepG2 cells were subjected to SDS PAGE followed by western blot with 10606-1-AP (CSNK2A2 antibody) at dilution of 1:500



Immunofluorescent analysis of HepG2 cells using 10606-1-AP (CSNK2A2 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-CSNK2A2 (IP:10606-1-AP, 4µg; Detection:10606-1-AP 1:600) with HEK-293 cells lysate 2800µg.

Background

CSNK2A2(Casein kinase II subunit alpha') is also named as CK2A3, CK2A2, CSNK2A1, CK2 and belongs to the protein kinase superfamily. It can function as a component of the p53/TP53-dependent spindle assembly checkpoint (SAC) that maintains cyclin-B-CDK1 activity and G2 arrest in response to spindle damage during mitosis. It also can protect against ionizing radiation-induced apoptosis partly by phosphorylating and activating SIRT1. This protein has a molecular weight between 35 kDa and 44 kDa(PMID:8622692).

Applications

Tested applications:	ELISA, WB, IP, IF
Species specificity:	Human; other species not tested.
Calculated CSNK2A2 MW:	41 kDa
Observed CSNK2A2 MW:	30-35 kDa
Positive WB detected in	HepG2 cells, HEK-293 cells, HT-1080 cells, Jurkat cells
Positive IP detected in	HEK-293 cells
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag0877
GenBank accession number:	BC008812
Gene ID (NCBI):	1459
Full name:	Casein kinase 2, alpha prime polypeptide

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.