
Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:200-1:500, IP:1:200-1:2000

Protein Background:

Probable catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acid, c residues C-terminal to the phosphorylated serine or threonine. Amplification-dependent oncogene; promotes cell proliferation and tumorigenesis by down-regulating expression of the tumor suppressor protein, PML. May play a role in the pathogenesis of the lung cancer development and progression.

Gene ID:

CSNK2A3

Uniprot

Q8NEV1

Synonyms:

Casein kinase II subunit alpha 3 (CK II alpha 3) (EC 2.7.11.1) (Casein kinase II alpha 1 polypeptide pseudogene), CSNK2A3, CSNK2A1P

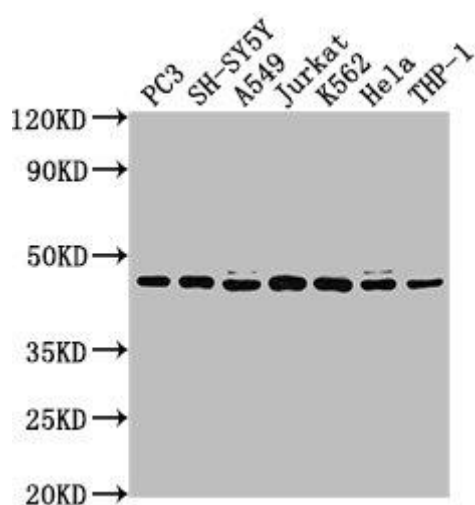
Immunogen:

Recombinant Human Casein kinase II subunit α 3 protein (151-391AA).

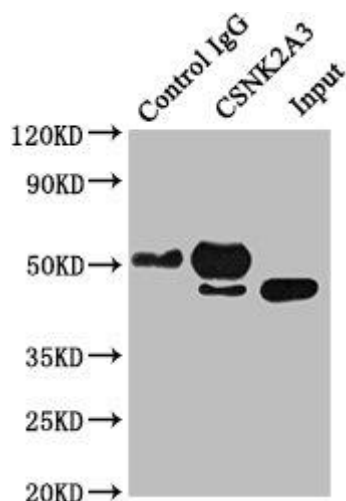
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

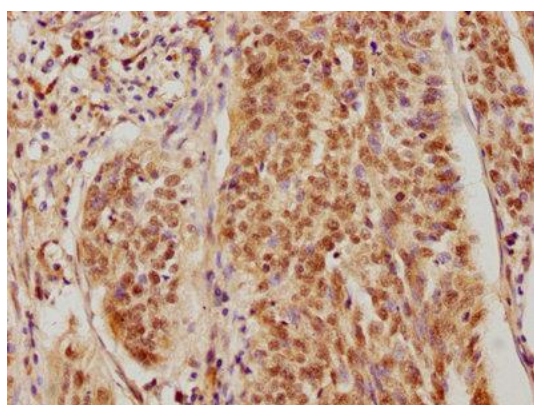
Product Images



Western Blot. Positive WB detected in: PC3 whole cell lysate, SH-SY5Y whole cell lysate, A549 whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, HeLa whole cell lysate, THP-1 whole cell lysate. All lanes: CSNK2A3 antibody at 1:2000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 46 kDa. Observed band size: 46 kDa.



Immunoprecipitating CSNK2A3 in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of PACO61999 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000). Lane 2: PACO61999 (5µg) + HeLa whole cell lysate (0.5mg). Lane 3: HeLa whole cell lysate (20µg).



IHC image of PACO61999 diluted at 1:400 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ 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.