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Datasheet for ABIN7146881

anti-CSNK2A3 antibody (AA 151-391)

3 Images

Overview

Quantity:	100 µL
Target:	CSNK2A3
Binding Specificity:	AA 151-391
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSNK2A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Casein kinase II subunit alpha 3 protein (151-391AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CSNK2A3
Alternative Name:	CSNK2A3 (CSNK2A3 Products)
Background:	Background: Probable catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic residues C-

Target Details

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.

Aliases: CSNK2A3 antibody, CSNK2A1PCasein kinase II subunit alpha 3 antibody, CK II alpha 3 antibody, EC 2.7.11.1 antibody, Casein kinase II alpha 1 polypeptide pseudogene antibody

UniProt: [Q8NEV1](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

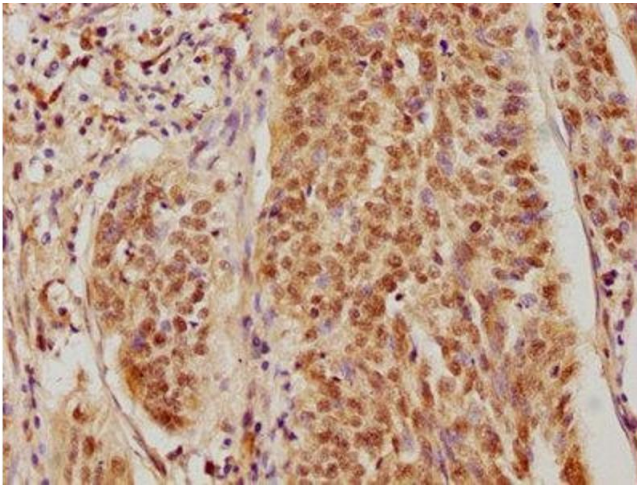
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

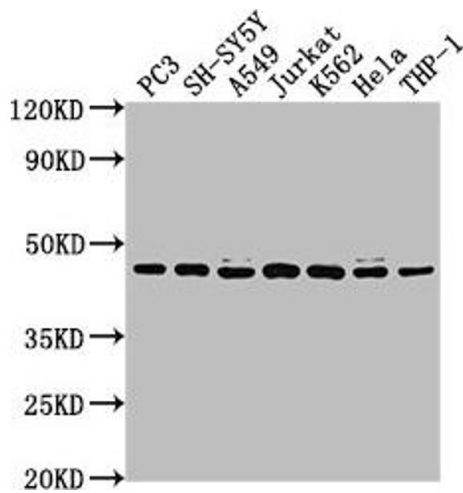
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



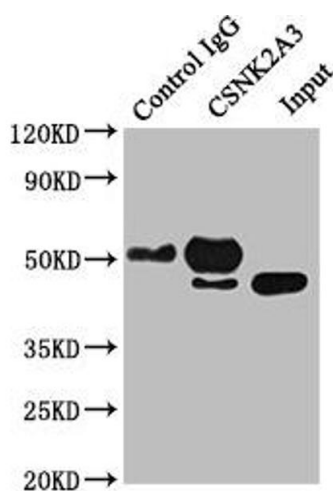
Immunohistochemistry

Image 1. IHC image of ABIN7146881 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.



Western Blotting

Image 2. 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



Western Blotting

Image 3. Immunoprecipitating CSNK2A3 in HeLa whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7146881 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000) Lane 2: ABIN7146881 (5 µg) + HeLa whole cell lysate (0.5 mg) Lane 3: HeLa whole cell lysate (20 µg)