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# CSNK2A3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21803b

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q8NEV1 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB53991 |
| **Calculated MW** | 45220 |

## Additional Information

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| **Gene ID** | 283106 |
| **Other Names** | Casein kinase II subunit alpha 3, CK II alpha 3, Casein kinase II alpha 1 polypeptide pseudogene, CSNK2A3, CSNK2A1P |
| **Target/Specificity** | This CSNK2A3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 296-330 amino acids from human CSNK2A3. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CSNK2A3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | CSNK2A3 |
| **Synonyms** | CSNK2A1P |
| **Function** | Probable catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine. |

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| | 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. |
| **Tissue Location** | Detected in blood platelets and megakaryocyte cell lines. Poorly expressed in lung. Highly expressed in lung tumor tissues. |

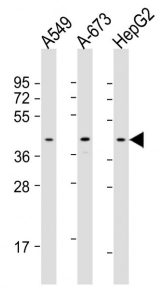
## Background

Probable catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic 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.

## References


Wirkner U.,et al.Biochim. Biophys. Acta 1131:220-222(1992).
Devilat I.,et al.FEBS Lett. 316:114-118(1993).
Singh L.S.,et al.Biochemistry 41:8935-8940(2002).
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.


## Images




All lanes : Anti-CSNK2A3 Antibody (C-Term) at 1:1000 dilution Lane 1: A549 whole cell lysate Lane 2: A-673 whole cell lysate Lane 3: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.