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CSNK2A3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21803b

Product Information

Application	WB, E
Primary Accession	Q8NEV1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53991
Calculated MW	45220

Additional Information

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

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. 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.

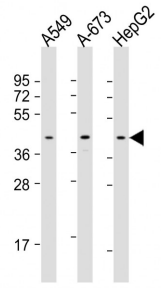
Background

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.