

CK2 beta Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51119

Product Information

Application	WB
Primary Accession	P67870
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24942

Additional Information

Gene ID	1460
Other Names	Casein kinase II subunit beta, CK II beta, Phosvitin, Protein G5a, CSNK2B, CK2N, G5A
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CK2 beta. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CSNK2B (HGNC:2460)
Synonyms	CK2N, G5A
Function	Regulatory subunit of casein kinase II/CK2. As part of the kinase complex regulates the basal catalytic activity of the alpha subunit a constitutively active serine/threonine-protein kinase that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine (PubMed: 11239457 , PubMed: 16818610). Participates in Wnt signaling (By similarity).
Cellular Location	Nucleus.

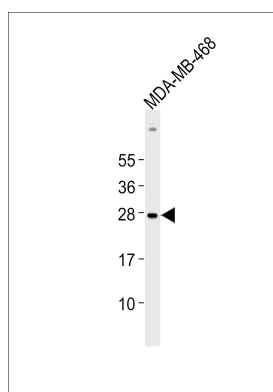
Background

Participates in Wnt signaling (By similarity). Plays a complex role in regulating the basal catalytic activity of the alpha subunit.

References

Jakobi R.,et al.Eur. J. Biochem. 183:227-233(1989).
Teitz T.,et al.Mutat. Res. 236:85-97(1990).
Heller-Harrison R.A.,et al.Biochemistry 28:9053-9058(1989).
Voss A.,et al.J. Biol. Chem. 266:13706-13711(1991).
Singh L.S.,et al.Biochemistry 41:8935-8940(2002).

Images



Anti-CK2 beta Antibody at 1:1000 dilution + MDA-MB-468 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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