

CK2 beta Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51119

Specification

CK2 beta Antibody - Product Information

Application	WB
Primary Accession	P67870
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28 KDa
Antigen Region	151 - 210

CK2 beta Antibody - 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 derived from human CK2 beta

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

CK2 beta Antibody - 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: <http://www.uniprot.org/citations/11239457> target="_blank">11239457, PubMed: <http://www.uniprot.org/citations/16818610> target="_blank">16818610). Participates in Wnt signaling (By similarity).

Cellular Location

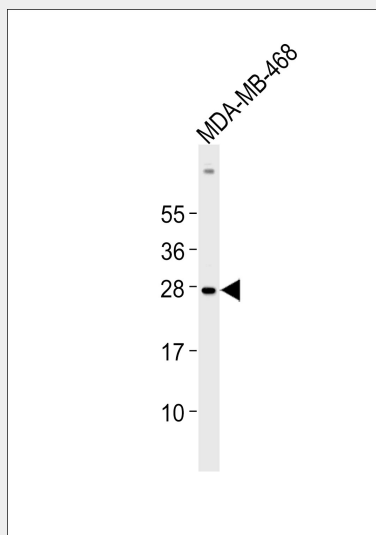
Nucleus.

CK2 beta Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CK2 beta Antibody - Images



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

CK2 beta Antibody - Background

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

CK2 beta Antibody - 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).