

# CK2 beta (pS209) Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51640

## Product Information

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|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P67870</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 24942                  |

## Additional Information

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | CSNK2B ( <a href="#">HGNC:2460</a> )                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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: <a href="#">11239457</a> , PubMed: <a href="#">16818610</a> ). Participates in Wnt signaling (By similarity). |
| Cellular Location | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Background

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

## References

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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).

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