

## Casein Kinase II $\alpha$ (phospho Tyr255) rabbit pAb antibody

| Catalog No :                 | Source:  | Concentration : | Mol.Wt. (Da): |
|------------------------------|--|-----------------|---------------|
| A11605                       | Rabbit   | 1 mg/ml         | 45144         |
| <b>Applications</b>          | WB,IHC,ELISA   |                 |               |
| <b>Reactivity</b>            | Human,Mouse,Rat  |                 |               |
| <b>Dilution</b>              | WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. ELISA: 1:10000. Not yet tested in other applications.  |                 |               |
| <b>Storage</b>               | -20°C/1 year   |                 |               |
| <b>Specificity</b>           | Phospho-Casein Kinase II $\alpha$ (Y255) Polyclonal Antibody detects endogenous levels of Casein Kinase II $\alpha$ protein only when phosphorylated at Y255.  |                 |               |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |                 |               |
| <b>Immunogen</b>             | The antiserum was produced against synthesized peptide derived from human Casein Kinase II alpha around the phosphorylation site of Tyr255. AA range:221-270   |                 |               |
| <b>Uniprot No</b>            | P68400   |                 |               |
| <b>Alternative names</b>     | CSNK2A1; CK2A1; Casein kinase II subunit alpha; CK II alpha  |                 |               |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |                 |               |
| <b>Clonality</b>             | Polyclonal   |                 |               |
| <b>Isotype</b>               | IgG  |                 |               |
| <b>Conjugation</b>           |  |                 |               |
| <b>Background</b>            | casein kinase 2 alpha 1(CSNK2A1) Homo sapiens Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene. [provided by RefSeq, Jul 2014], |                 |               |
| <b>Other</b>                 | CSNK2A1, Casein kinase II subunit alpha  |                 |               |

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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