

## Anti-CENPK antibody

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| <b>Description</b>        | Unconjugated Rabbit polyclonal to CENPK                                                                                      |
| <b>Model</b>              | STJ190411                                                                                                                    |
| <b>Host</b>               | Rabbit                                                                                                                       |
| <b>Reactivity</b>         | Human, Mouse                                                                                                                 |
| <b>Applications</b>       | ELISA, WB                                                                                                                    |
| <b>Immunogen</b>          | Synthesized peptide derived from human CENPK protein.                                                                        |
| <b>Immunogen Region</b>   | 50-130aa                                                                                                                     |
| <b>Gene ID</b>            | <a href="#">64105</a>                                                                                                        |
| <b>Gene Symbol</b>        | <a href="#">CENPK</a>                                                                                                        |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000                                                                                             |
| <b>Specificity</b>        | CENPK Polyclonal Antibody detects endogenous levels of protein.                                                              |
| <b>Tissue Specificity</b> | Detected in several fetal organs with highest levels in fetal liver. In adults, it is weakly expressed in lung and placenta. |
| <b>Purification</b>       | CENPK antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.      |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                                 |
| <b>Protein Name</b>       | Centromere protein K CENP-K Interphase centromere complex protein 37<br>Protein AF-5alpha p33                                |
| <b>Molecular Weight</b>   | 29 kDa                                                                                                                       |
| <b>Clonality</b>          | Polyclonal                                                                                                                   |

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| <b>Conjugation</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Formulation</b>           | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Database Links</b>        | <a href="https://www.ncbi.nlm.nih.gov/ncbiinfo/condensed/condensed.html?term=HGNC:29479OMIM:611502">HGNC:29479OMIM:611502</a>                                                                                                                                                                                                                                                                                        |
| <b>Alternative Names</b>     | Centromere protein K CENP-K Interphase centromere complex protein 37<br>Protein AF-5alpha p33                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>              | Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Acts in coordination with KNL1 to recruit the NDC80 complex to the outer kinetochore. |
| <b>Cellular Localization</b> | Nucleus. Chromosome, centromere. Chromosome, centromere, kinetochore. Localizes exclusively in the centromeres. The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex.                                                                                                                                                                                                                 |