

CABP0810

Product Information

| | | | | | |
|---------------------|----------|----------------------|--------|--------------------|-----------------|
| Product SKU: | CABP0810 | Gene ID: | 1025 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

| | | | |
|-----------------------|-------|-------------------|--------------|
| Observed MW: | 43kDa | Conjugate: | Unconjugated |
| Calculated MW: | 43kDa | Isotype: | IgG |

Immunogen Information

| | |
|------------------------------|---|
| Background: | The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS. |
| Recommended Dilution: | WB,1:500 - 1:1000 |
| Synonyms: | TAK; C-2k; CTK1; CDC2L4; PITALRE; Phospho-CDK9-T186 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic phosphorylated peptide around T186 of human CDK9 (NP_001252.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |