

Anti-Phospho-Cyclin E2 (T392) antibody



Description Rabbit polyclonal to Phospho-Cyclin E2 (T392).

Model STJ91333

Host Rabbit

Reactivity Human, Mouse

Applications ELISA, IF

Immunogen Synthesized peptide derived from human Cyclin E2 around the

phosphorylation site of T392.

Immunogen Region 330-410 aa

Gene ID <u>9134</u>

Gene Symbol <u>CCNE2</u>

Dilution range IF 1:200-1:1000ELISA 1:10000

Specificity Phospho-Cyclin E2 (T392) Polyclonal Antibody detects endogenous levels of

Cyclin E2 protein only when phosphorylated at T392.

Tissue Specificity According to PubMed:9858585, highest levels of expression in adult testis,

thymus and brain. Lower levels in placenta, spleen and colon. Consistently elevated levels in tumor-derived cells compared to non-transformed proliferating cells. According to PubMed:9840927: low levels in thymus, prostate, brain, skeletal muscle, and kidney. Elevated levels in lung.

According to PubMed:9840943 highly expressed in testis, placenta, thymus

and brain. In a lesser extent in small intestine and colon.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name G1/S-specific cyclin-E2

Molecular Weight 46 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:1590OMIM:603775</u>

Alternative Names G1/S-specific cyclin-E2

Function Essential for the control of the cell cycle at the late G1 and early S phase.

Cellular Localization Nucleus

Post-translational Phosphorylation by CDK2 triggers its release from CDK2 and degradation via

Modifications the ubiquitin proteasome pathway.

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