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	9134
Gene Symbol	CCNE2
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	HGNC:1590OMIM:603775
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 Modifications	Phosphorylation by CDK2 triggers its release from CDK2 and degradation via the ubiquitin proteasome pathway.