

Cyclin E2 Antibody
Rabbit mAb
Catalog # AP90822

Specification

Cyclin E2 Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	O96020
Clonality	Monoclonal
Other Names	
CCN E2; CCNE 2; CCNE2 protein; CYC E2; CYCE 2; CyclinE2; G1/S specific cyclin E2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46757 Da

Cyclin E2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cyclin E2
Description	Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Essential for the control of the cell cycle at the late G1 and early S phase.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Cyclin E2 Antibody - Protein Information

Name CCNE2

Function

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

Cellular Location

Nucleus.

Tissue Location

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

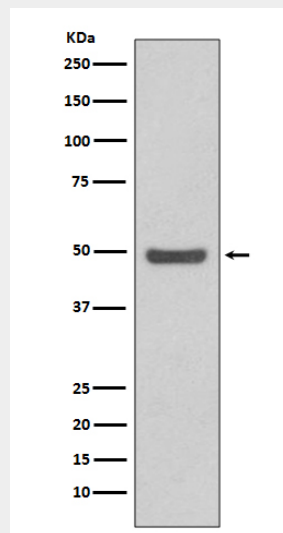
thymus, prostate, brain, skeletal muscle, and kidney. Elevated levels in lung. According to PubMed:9840943 highly expressed in testis, placenta, thymus and brain. In a lesser extent in small intestine and colon

Cyclin E2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cyclin E2 Antibody - Images



Western blot analysis of Cyclin E2 expression in HeLa cell lysate.