

Product datasheet for **AP55815PU-S**

Cyclin C (CCNC) pSer275 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:500~1:1000. Immunohistochemistry on paraffin sections: 1:50~1:100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of Serine 275(N-G-S(p)-A-N) derived from Human Cyclin C (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of Cyclin C only when phosphorylated at serine 275.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37 kDa
Gene Name:	cyclin C
Database Link:	Entrez Gene 892 Human P24863



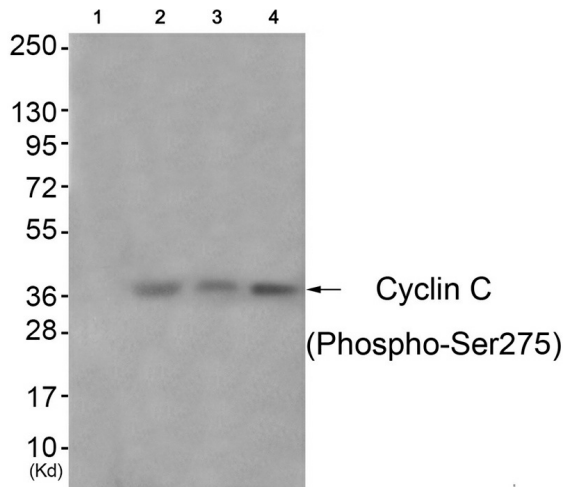
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Background:

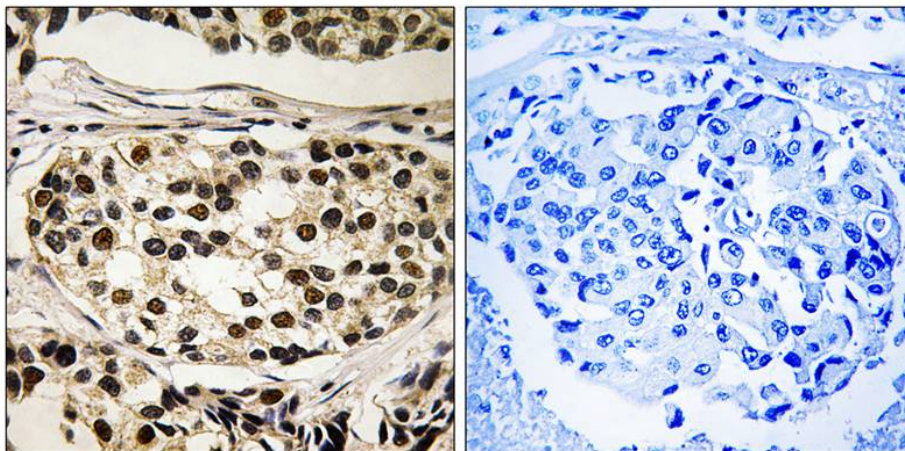
The protein encoded by this gene is a member of the cyclin family of proteins. The encoded protein interacts with cyclin-dependent kinase 8 and induces the phosphorylation of the carboxy-terminal domain of the large subunit of RNA polymerase II. The level of mRNAs for this gene peaks in the G1 phase of the cell cycle. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms:

Cyclin-C, hSRB11, CCNC, SRB11 homolog

Product images:


Western blot analysis of extracts from 3T3 cells (Lane 2), A549 cells (Lane 3) and HeLa cells (Lane 4), using Cyclin C (Phospho-Ser275) Antibody. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Cyclin C (Phospho-Ser275) Antibody (left) or the same antibody preincubated with blocking peptide (right).