

## Product datasheet for **TA348014**

### Cyclin D2 (CCND2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Cyclin D2 Antibody: A synthesized peptide derived from human Cyclin D2
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 ?.Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	cyclin D2
Database Link:	<a href="#">NP_001750</a> <a href="#">Entrez Gene 12444 Mouse</a> <a href="#">Entrez Gene 64033 Rat</a> <a href="#">Entrez Gene 894 Human</a> <a href="#">P30279</a>
Background:	Regulatory component of the cyclin D2-CDK4 (DC) complex that phosphorylates and inhibits members of the retinoblastoma (RB) protein family including RB1 and regulates the cell-cycle during G(1)/S transition. Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G(1) phase.
Synonyms:	KIAK0002; MPPH3

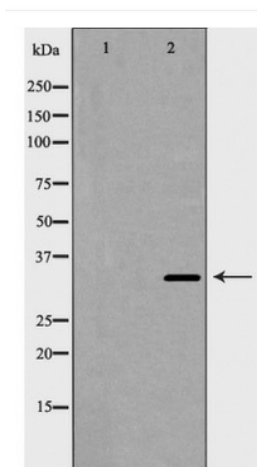


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**Note:** Cyclin D2 Antibody detects endogenous levels of total Cyclin D2

**Protein Families:** Druggable Genome

**Protein Pathways:** Cell cycle, Focal adhesion, Jak-STAT signaling pathway, p53 signaling pathway, Wnt signaling pathway

**Product images:**

Western blot analysis of Cyclin D2 expression in 293 cells