Product datasheet for TA354345

Cyclin G (CCNG1) Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to C-terminal of human cyclin G1. This sequence is identical to human, mouse and rat.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~34 kDa
Gene Name:	cyclin G1
Database Link:	NP_004051 Entrez Gene 900 Human P51959
Background:	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The Cyclin G contains a typical N terminal cyclin box and a carboxy terminal domain sequence homologous to the tyrosine phosphorylation site of the epidermal growth factor receptor. Cyclin G2 shares 53% amino acid sequence identity with cyclin G1. Peak expression of cyclin G2 is seen in late S phase, as opposed to cyclin G1 expression. It is p53-responsive gene that the transcriptional activation of Cyclin G1 can be induced by tumor protein p53.
Synonyms:	CCNG

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Protein Families: Druggable Genome

Protein Pathways: p53 signaling pathway

Product images:
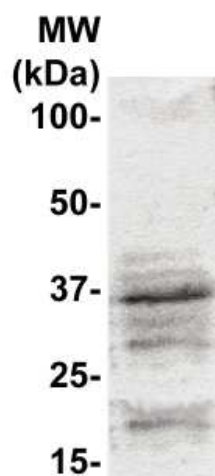
WB: The cell lysate derived from MCF-7 was immunoblotted by the Rabbit anti-CyclinG1 antibody at 1:500. An immunoreactive band is observed at ~34 kDa.