Datasheet for ABIN704621

anti-Cyclin G2 antibody (AA 151-250)

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Overview

Quantity:	100 µL
Target:	Cyclin G2 (CCNG2)
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Rat, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin G2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cyclin G2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Pig, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Cyclin G2 (CCNG2)

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Target Details

Alternative Name:	Cyclin G2 (CCNG2 Products)
Background:	Synonyms: Cyclin-G2, CCNG2 Background: Cyclin G2 may play a role in growth regulation and in negative regulation of cell cycle progesssion. Cyclin G2 expression levels increase through the cell cycle to peak in the mid/late-S phase and decrease during G2/M phase. It may also contribute in maintaining the quiescent state of differentiated cells. Cyclin G2 is similar to cyclin A in the cyclin box, although no kinase activity is detected.
Gene ID:	901
UniProt:	Q16589

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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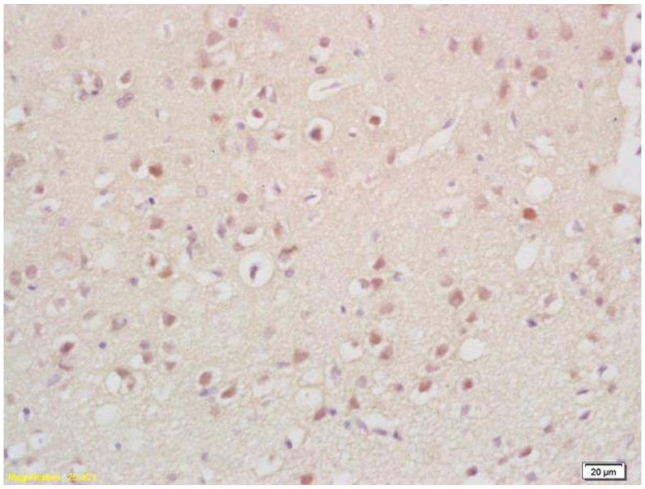
Publications

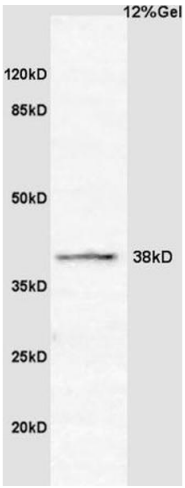
Product cited in: Yuan, Han, Cong, Ge, Ma, Dai, Li, Bi: "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." in: **International journal of nanomedicine**, Vol. 9, pp. 4829-46, (2014) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-Cyclin G2 Polyclonal Antibody, Unconjugated (ABIN704621) at 1:200, followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 2. Rat brain lysates probed with Anti Cyclin G2 Polyclonal Antibody, Unconjugated (ABIN704621) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 38kD. Observed band size:38kD.

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