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Datasheet for ABIN703045

## anti-CDKN1C antibody (pThr310)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	CDKN1C
Binding Specificity:	pThr310
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN1C antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human p57 Kip2 around the phosphorylation site of Thr310 [EQ(p-T)PR]
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to that of Thr342 in Mouse.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

#### Target Details

Target:	CDKN1C
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## Target Details

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Alternative Name:	p57 Kip2 ( <a href="#">CDKN1C Products</a> )
Background:	<p>Synonyms: BWS, WBS, p57, BWCR, KIP2, p57Kip2, Cyclin-dependent kinase inhibitor 1C, Cyclin-dependent kinase inhibitor p57, CDKN1C</p> <p>Background: Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.</p>
Gene ID:	1028
UniProt:	<a href="#">P49918</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Dopaminergic Neurogenesis</a>

## Application Details

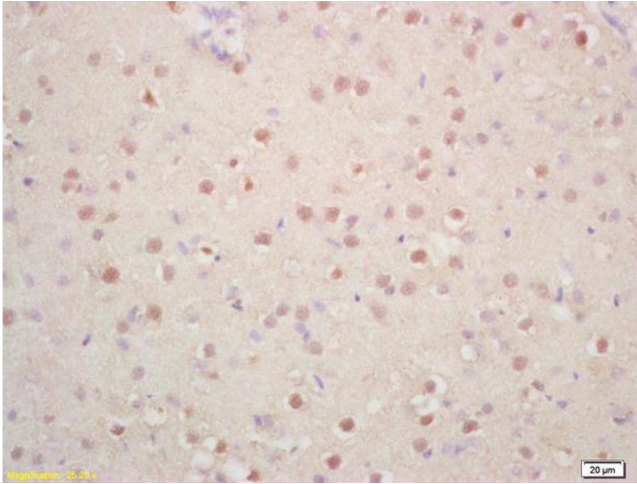
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Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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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



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti Phospho-p57 Kip2 (Thr310) Polyclonal Antibody, Unconjugated (ABIN703045) at 1:200 followed by conjugation to the secondary antibody and DAB staining