

## Product Datasheet

### CDKN1A Antibody (C-term) (orb1936665)

<b>Catalog Number</b>	orb1936665
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	CDKN1A (HGNC:1784)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This CDKN1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-146 amino acids from the C-terminal region of human CDKN1A. Antigen Region: 117-146 aa.
<b>UniProt ID</b>	<b>P38936</b>
<b>MW</b>	18119 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50
<b>Antibody Type</b>	Primary Antibody

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

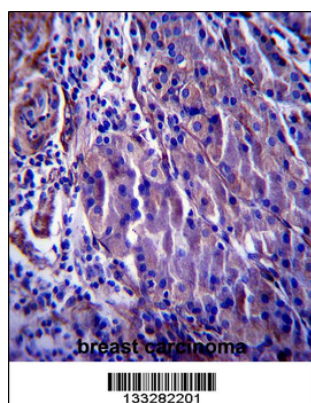
**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

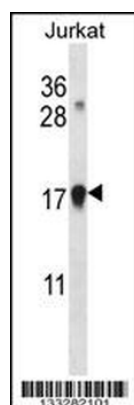
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>Clone Number</b>	BTD55404
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_000380.1, NP_001207707.1, NP_001207706.1, NP_510867.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



CDKN1A Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CDKN1A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CDKN1A Antibody (C-term) western blot analysis in Jurkat cell line lysates (35 ug/lane). This demonstrates the CDKN1A antibody detected the CDKN1A protein (arrow).

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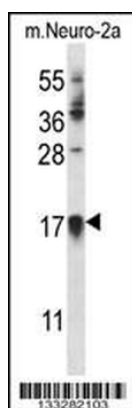
7 Signet Court, Swann Road  
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Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

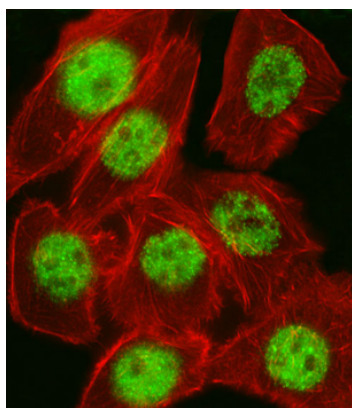
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NC 27713  
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CDKN1A Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35 ug/lane). This demonstrates the CDKN1A antibody detected the CDKN1A protein (arrow).



Fluorescent image of A549 cell stained with CDKN1A Antibody (C-term). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CDKN1A primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). CDKN1A immunoreactivity is localized to Nucleus significantly.

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