

Datasheet: AHP1060

BATCH NUMBER 161021

Description:	GOAT ANTI HUMAN CDKN2A (C-TERMINAL)
Specificity:	CDKN2A (C-TERMINAL)
Other names:	p16INK4a
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/32,000
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 1.0ug/ml
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antisera to CDKN2A (isoform 1) were raised by repeated immunisations of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	TRIS buffered saline
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Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
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Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Peptide with sequence C-HARIDAAEGPSDIPD from C-terminal of CDKN2A.
External Database Links	<p>UniProt:</p> <p>Q8N726 Related reagents</p> <p>P42771 Related reagents</p> <p>Entrez Gene:</p> <p>1029 CDKN2A Related reagents</p> <p>1029 CDKN2A Related reagents</p>
Synonyms	CDKN2, MLM, MTS1
RRID	AB_2078174
Specificity	Goat anti Human CDKN2A antibody detects an epitope within the C-terminal (CT) region of cyclin-dependent kinase inhibitor 2A (CDKN2A). CDKN2A is a ~16 kDa protein belonging to the CDKN2 cyclin dependent kinase inhibitor family. It acts as a negative regulator of cell proliferation by interacting strongly with CDK4 and CDK6, thus inhibiting their ability to interact with cyclin D and to phosphorylate the retinoblastoma protein. CDKN2A is an important tumour suppressor and defects in its production results in tumour formation in a wide range of tissues, including cutaneous malignant melanoma and Li-Fraumeni syndrome.
Western Blotting	AHP1060 detects a band of approximately 16-18kDa in A431 and Hela cell lysates.
References	<ol style="list-style-type: none"> 1. Ruas, M. & Peters, G. (1998) The p16INK4a/CDKN2A tumor suppressor and its relatives. Biochim Biophys Acta. 1378 (2): F115-77. 2. Piepkorn, M. (2000) Melanoma genetics: an update with focus on the CDKN2A(p16)/ARF tumor suppressors. J Am Acad Dermatol. 42 (5 Pt 1): 705-22; quiz 723-6.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP1060 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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