

Datasheet: AHP2409

Description:	RABBIT ANTI p27/Kip1
Specificity:	p27/Kip1
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
Western Blotting	▪			1/200

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
Species Cross Reactivity	<p>Reacts with: Mouse, Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Antiserum Preparation	Antiserum to p27/Kip1 was raised by repeated immunisation of rabbits with highly purified antigen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<p>0.1% Sodium Azide (NaN₃)</p> <p>0.2% Gelatin</p>

Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to the carboxy terminus of human p27/Kip1
External Database Links	<p>UniProt: P46527 Related reagents</p> <p>Entrez Gene: 1027 CDKN1B Related reagents</p>
Synonyms	KIP1
Specificity	<p>Rabbit anti p27/Kip1 antibody recognizes cyclin-dependent kinase inhibitor p27 (p27), also known as cyclin-dependent kinase inhibitor 1B or p27^{Kip1}. The protein is a cyclin-dependent kinase inhibitor (CKI) that belongs to the Cip/Kip protein family (Cerqueira et al. 2014). As the name implies, CKIs play a role in the regulation of cyclin-dependent kinases (CDKs) and cyclin-CDK complexes (Cerqueira et al. 2014).</p> <p>Aberrant p27^{Kip1} levels have been reported in breast and colorectal cancers (Sgambato et al. 1997, Ogino et al. 2007).</p>
Western Blotting	Rabbit anti p27/Kip1 recognizes a band of approximately 27 kDa when run under reducing conditions
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. 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 #20341 available at: 20341: https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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