

## Datasheet: AHP2718

<b>Description:</b>	RABBIT ANTI C-ABL
<b>Specificity:</b>	C-ABL
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/100 - 1/200
Western Blotting	▪			1/500 - 1/2000

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.

<b>Target Species</b>	Human
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<b>Product Form</b>	Purified IgG - liquid
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**Antiserum Preparation** Antiserum to C-ABL was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	50% Glycerol

<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 533-545 of human C-ABL
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### External Database Links

#### UniProt:

[P00519](http://www.uniprot.org/entry/P00519)

[Related reagents](#)

#### Entrez Gene:

<b>Synonyms</b>	ABL, JTK7
<b>Specificity</b>	<b>Rabbit anti C-ABL antibody</b> recognizes tyrosine-protein kinase, also known as ABL1 and JTK7. It was first identified as an oncogene associated with chromosome translocations in human leukemias ( <a href="#">Greuber et al. 2013</a> ). It regulates cell growth and survival, oxidative stress, DNA-damage responses and cell migration ( <a href="#">Hantschel and Superti-Furga 2004</a> ). C-ABL plays role in the cellular response to growth factors ( <a href="#">Plattner et al. 1999</a> ). It phosphorylates EGF R and regulates receptor endocytosis ( <a href="#">Tanos and Pendergast 2006</a> ). Enhanced C-ABL expression and activation has been detected in solid tumors (Greuber et al. 2013).
<b>Western Blotting</b>	Rabbit anti C-ABL antibody detects a band of approximately 139 kDa in HeLa cell lysate under reducing conditions
<b>Storage</b>	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2718">https://www.bio-rad-antibodies.com/SDS/AHP2718</a> 10049
<b>Regulatory</b>	For research purposes only

## Related Products

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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