

Datasheet: AHP2718

BATCH NUMBER 148096

Description:	RABBIT ANTI C-ABL
Specificity:	C-ABL
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Product Form

Purified IgG - liquid

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.

Buffer Solution

Phosphate buffered saline

**Preservative
Stabilisers**

0.02% Sodium Azide
50% Glycerol

Immunogen

A synthetic peptide corresponding to amino acids 533-545 of human C-ABL

**External Database
Links****UniProt:**[P00519](https://www.uniprot.org/entry/P00519)[Related reagents](#)

Entrez Gene:[25](#) ABL1 [Related reagents](#)

Synonyms	ABL, JTK7
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Specificity	Rabbit anti C-ABL antibody recognizes tyrosine-protein kinase, also known as ABL1 and JTK7. It was first identified as an oncogene associated with chromosome translocations in human leukemias (Greuber et al. 2013). It regulates cell growth and survival, oxidative stress, DNA-damage responses and cell migration (Hantschel and Superti-Furga 2004). C-ABL plays role in the cellular response to growth factors (Plattner et al. 1999). It phosphorylates EGF R and regulates receptor endocytosis (Tanos and Pendergast 2006). Enhanced C-ABL expression and activation has been detected in solid tumors (Greuber et al. 2013).
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Western Blotting	Rabbit anti C-ABL antibody detects a band of approximately 139 kDa in HeLa cell lysate under reducing conditions
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Storage	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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2718 10049
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Regulatory	For research purposes only
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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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