

Datasheet: AHP648

Description:	GOAT ANTI HUMAN LIVIN (C-TERMINAL)
Specificity:	LIVIN (C-TERMINAL)
Other names:	ML-IAP
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	▪			1/4,000
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 1.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human LIVIN (CT) were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	<0.1% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml

Immunogen	Peptide sequence C-RAPVRSRVRT corresponding to the C-terminal region of LIVIN (UniProt: Q96CA5).
External Database Links	<p>UniProt: Q96CA5 Related reagents</p> <p>Entrez Gene: 79444 BIRC7 Related reagents</p>
Synonyms	KIAP, LIVIN, MLIAP, RNF50
RRID	AB_2064366
Specificity	<p>Goat anti Human LIVIN (C terminal) antibody recognizes human Baculoviral IAP repeat-containing protein 7, also known as Kidney inhibitor of apoptosis protein, Livin, RING finger protein 50 or Melanoma inhibitor of apoptosis protein, encoded by the BIRC7 gene. Livin is a 298 amino acid, ~30kDa member of the IAP family containing a single BIR repeat and a single RING -type Zinc finger domain. Goat anti human Livin antibody, recognizes an epitope within the C-terminal (CT) region of human Livin. Two isoforms of livin are generated by alternative splicing α or isoform 2, and β or isoform 1, the latter carrying a 18 amino acid deletion toward the C-terminal region of the molecule. However, the deletion seen in Livin-β is outside the sequence used as immunogen for this Goat anti human Livin antibody which is expected to recognize both isoforms of the molecule.</p> <p>Livin is upregulated in a number of cancer cell types demonstrating both nuclear and cytoplasmic localization in renal cancer cells whilst equivalent non-cancerous kidneys demonstrate only cytoplasmic staining in restricted cell types (Wagener et al. 2007).</p>
Western Blotting	AHP648 detects bands of approximately 30 & 35kDa in MOLT4 cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.
Further Reading	1. Vucic, D. <i>et al.</i> (2002) SMAC negatively regulates the anti-apoptotic activity of melanoma inhibitor of apoptosis (ML-IAP). J Biol Chem. 277 (14): 12275-9.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</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/AHP648 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M428235:240301'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)