

Datasheet: AHP1340

Description:	RABBIT ANTI HUMAN RFI
Specificity:	RFI
Other names:	hRFI
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	▪			1800 - 1/4000
Immunoprecipitation			▪	
Western Blotting	▪			1/100 - 1/600
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
Species Cross Reactivity	Based on sequence similarity, is expected to react with: Bovine, New World primate, Mouse, Dog, Rat 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.
Product Form	Purified IgG - liquid

Antiserum Preparation Antisera to human RFI were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Recombinant protein corresponding to amino acids 1-373 of human RFI.
External Database Links	<p>UniProt: Q969K3 Related reagents</p> <p>Entrez Gene: 80196 RNF34 Related reagents</p>
RRID	AB_2253945
Specificity	<p>Rabbit anti Human RFI antibody detects human Ring Finger homologous to Inhibitor of apoptosis protein (hRFI), an anti-apoptotic protein which has been shown to be a novel modulator of NF-κB activation, leading to the upregulation of Bcl2 and BclXL. It is also thought to possess E3 ubiquitin protein ligase activity and has been shown to target caspases 8 and 10 for proteasomal degradation.</p> <p>hRFI is expressed ubiquitously, and has been localized to both the nucleus and the cytoplasm. hRFI is also expressed in oesophageal, gastric and colorectal cancers, suggesting a possible association between hRFI and the development of digestive tract cancers.</p>
Western Blotting	AHP1340 detects a band of approximately 42kDa.
References	1. Konishi, T. <i>et al.</i> (2006) Overexpression of hRFI inhibits 5-fluorouracil-induced apoptosis in colorectal cancer cells via activation of NF-κB and upregulation of BCL-2 and BCL-XL. Oncogene. 25 (22): 3160-9.
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 #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- 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](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

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

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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
'M389139:210806'

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