

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.
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	0.01% 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

UniProt:
[Q969K3](#) [Related reagents](#)

Entrez Gene:
[80196](#) RNF34 [Related reagents](#)

Specificity

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- κ B 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.

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.

Western Blotting

AHP1340 detects a band of approximately 42kDa.

References

1. Konishi, T. *et al.* (2006) Overexpression of hRFI inhibits 5-fluorouracil-induced apoptosis in colorectal cancer cells via activation of NF- κ B and upregulation of BCL-2 and BCL-XL. [Oncogene. 25 \(22\): 3160-9.](#)

Storage

Store at +4°C or at -20°C if preferred.
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.

Shelf Life

18 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 (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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