

Datasheet: AHP1338

Description:	RABBIT ANTI HUMAN iASPP
Specificity:	iASPP
Other names:	INHIBITOR OF APOPTOSIS STIMULATING PROTEIN OF p53
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			1/40000 - 1/160000
Immunoprecipitation			▪	
Western Blotting	▪			1/1000 - 1/5000
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: Mouse, Dog
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 iASPP 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	Synthetic peptide corresponding amino acids 780-797 of human iASPP (isoform 1) protein.
External Database Links	<p>UniProt: Q8WUF5 Related reagents</p> <p>Entrez Gene: 10848 PPP1R13L Related reagents</p>
Synonyms	IASPP, NKIP1, PPP1R13BL, RAI
RRID	AB_2168575
Specificity	<p>Rabbit anti Human iASPP antibody detects human inhibitor of apoptosis stimulating protein of p53 (iASPP), which plays a central role in regulation of apoptosis and transcription via its interaction with NFκB and p53 proteins. At present, the iASPP gene is thought to encode three isoforms; isoform 1 is predominantly located in the cytoplasm, whilst isoforms 2 and 3 are nuclear proteins. iASPP is highly expressed in the heart, placenta and prostate.</p> <p>iASPP has been shown to have oncogenic properties in human breast carcinomas.</p>
Western Blotting	AHP1338 detects a bands of approximately 100 and 50kDa corresponding to iASPP isoforms 1 and 2 respectively.
References	1. Zhang, X. <i>et al.</i> (2007) Identification of a novel isoform of iASPP and its interaction with p53. J Mol Biol. 368 (4): 1162-71.
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: https://www.bio-rad-antibodies.com/SDS/AHP1338 10040

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

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