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

RRID: AB_2168575

Applications

<table>
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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1/40000 - 1/160000</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>1/1000 - 1/5000</td>
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<td>Functional Assays</td>
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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.

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: 0.09% Sodium Azide (NaN₃)

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

UniProt: Q8WUF5
Entrez Gene: 10848 PPP1R13L

Synonyms

IASPP, NKIP1, PPP1R13BL, RAI

Specificity

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 NFkB 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.

iASPP has been shown to have oncogenic properties in human breast carcinomas.

Western Blotting

AHP1338 detects a bands of approximately 100 and 50kDa corresponding to iASPP isoforms 1 and 2 respectively.

References


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.

Guarantee

18 months from date of despatch.

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) FITC
- Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
- Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
- Sheep Anti Rabbit IgG (STAR35...) RPE
- Sheep Anti Rabbit IgG (2AB02...) Biotin
- Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®680, DyLight®800

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)