

Datasheet: AHP906

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|----------------------|---------------------------|
| Description: | RABBIT ANTI p53 (pSer392) |
| Specificity: | p53 (pSer392) |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 ml |

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 | | | ▪ | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/1000 |

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat

Based on sequence similarity, is expected to react with: Monkey

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 phosphorylated p53 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution

10mM HEPES pH7.5

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| Preservative Stabilisers | 0.09% Sodium Azide 0.01% Bovine Serum Albumin 50% Glycerol |
| Immunogen | Synthetic phosphopeptide corresponding to an amino acid sequence within p53 which includes the phosphorylated residue serine 392. |
| External Database Links | UniProt: P04637 Related reagents Entrez Gene: 7157 TP53 Related reagents |
| Synonyms | P53 |
| RRID | AB_567186 |
| Specificity | <p>Rabbit anti p53 (pSer392) antibody recognizes cellular tumor antigen p53, also known as antigen NY-CO-13, phosphoprotein p53 and tumor suppressor p53, when phosphorylated at serine 392.</p> <p>The tumor suppressor protein p53, is expressed ubiquitously and plays an important role in blocking proliferation of damaged cells.</p> <p>Phosphorylation of p53 at serine 392 is reported in response to diverse stresses, for example UV irradiation.</p> |
| Western Blotting | AHP906 recognises a band of approximately 53kD in rat brain nuclear fraction lysates. |
| References | 1. Jaiswal, A.S. & Narayan, S. (2001) p53-dependent transcriptional regulation of the APC promoter in colon cancer cells treated with DNA alkylating agents. J Biol Chem. 276 (21): 18193-9. |
| 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 #10088 available at: https://www.bio-rad-antibodies.com/SDS/AHP906 10088 |
| 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](#)

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 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

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