

Datasheet: AHP2652

BATCH NUMBER 141609

Description:	RABBIT ANTI MEK 2 (pThr394)
Specificity:	MEK 2 (pThr394)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Immunohistology - Paraffin	▪			1/50 - 1/100
Western Blotting	▪			1/500 - 1/2000

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, 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

Antiserum to MEK 2 (pThr394) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide
 50% Glycerol

Immunogen Phospho specific-peptide corresponding to residues surrounding threonine 394 of human MEK 2

External Database Links

UniProt:

[P36507](#) [Related reagents](#)

Entrez Gene:

[5605](#) MAP2K2 [Related reagents](#)

Synonyms MEK2, MKK2, PRKMK2

Specificity **Rabbit anti MEK 2 (pThr394) antibody** recognizes MAPK/ERK kinase 2 (MEK 2), also known as dual specificity mitogen-activated protein kinase kinase 2, MAP kinase kinase 2 (MAPKK 2) and ERK activator kinase 2, when phosphorylated at threonine 394.

MEK 2 is a dual specificity protein kinase and a member of the MAP kinase family. MEK 2 plays a critical role in mitogen growth factor signal transduction.

MEK 2 is phosphorylated at threonine 394 by CDK5 ([Banks et al. 2015](#)).

Further Reading 1. Banks, A.S. *et al.* (2015) An ERK/Cdk5 axis controls the diabetogenic actions of PPAR γ . [Nature. 517 \(7534\): 391-5.](#)

Storage Store at -20°C
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 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2652>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

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

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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