

Datasheet: AHP2655

Description:	RABBIT ANTI MEK 4 (pSer257/pThr261)
Specificity:	MEK 4 (pSer257/pThr261)
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
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

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to MEK 4 (pSer257/pThr261) 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 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen Phospho specific-peptide corresponding to residues surrounding serine 257/threonine 261 of human MEK 4

External Database Links

UniProt:

[P45985](#)

[Related reagents](#)

Entrez Gene:

[6416](#) MAP2K4 [Related reagents](#)

Synonyms JNKK1, MEK4, MKK4, PRKMK4, SERK1

Specificity **Rabbit anti MEK 4 (pSer257/pThr261) antibody** recognizes MAPK/ERK kinase 4 (MEK 4), also known as dual specificity mitogen-activated protein kinase kinase 4, MAP kinase kinase 4 (MAPKK 4), stress-activated protein kinase kinase 1 and JNKK, when phosphorylated at serine 257/threonine 261.

MEK 4 is a dual specificity protein kinase and a member of the MAP kinase family. MEK 4 plays a key role in the MAP kinase and SAP/JNK signaling pathways.

MEK 4 is activated by phosphorylation at serine 257 and threonine 261 by MAP kinase kinase kinases (MAP3Ks). Downstream targets of activated MEK4 include JNK1, JNK2 and p38 MAPK.

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:
10049: <https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf>

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 (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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