

## Datasheet: VPA00814

<b>Description:</b>	RABBIT ANTI MEK 7
<b>Specificity:</b>	MEK 7
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**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

### Preparation

Rabbit polyclonal antibody purified by affinity chromatography on immunogen.

### Buffer Solution

Phosphate buffered saline.

### Preservative Stabilisers

0.09% Sodium Azide  
<50% Glycerol

### Immunogen

Recombinant protein of human MEK 7

**External Database  
Links**

**UniProt:**

[O14733](#)   [Related reagents](#)

**Entrez Gene:**

[5609](#)   MAP2K7   [Related reagents](#)

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**Synonyms**   JNKK2, MEK7, MKK7, PRKMK7

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**Specificity**   **Rabbit anti Human MEK 7 antibody** recognizes the dual specificity mitogen-activated protein kinase kinase 7, also known as JNK-activating kinase 2, MAPK/ERK kinase 7, SAPK kinase 4, c-Jun N-terminal kinase kinase 2 or stress-activated protein kinase kinase 4.

The protein encoded by MAP2K7 is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2, MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found, but only one transcript variant has been supported and defined (provided by RefSeq, Jul 2008).

Rabbit anti Human MEK 7 antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**   Anti MEK 7 antibody recognizes a band of approximately 48 kDa in Jurkat cell lysates.

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**Storage**   Store undiluted at -20°C, avoiding repeated freeze thaw cycles

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**Guarantee**   12 months from date of despatch.

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**Acknowledgements**   PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**   Material Safety Datasheet documentation #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00814>  
10049

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**Regulatory**   For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South**   Tel: +1 800 265 7376

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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](https://bio-rad-antibodies.com/datasheets)  
'M403632:220726'

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