

Datasheet: VPA00576

**BATCH NUMBER 172185**

<b>Description:</b>	RABBIT ANTI MAP3K8
<b>Specificity:</b>	MAP3K8
<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. Learn about [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.

### Buffer Solution

Phosphate buffered saline.

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)  
2% Sucrose.

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	Synthetic peptide directed towards the C terminal region of human MAP3K8
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P41279</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1326</a>    MAP3K8    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	COT, ESTF
<b>Specificity</b>	<p><b>Rabbit anti Human MAP3K8 antibody</b> recognizes MAP3K8 also known as mitogen-activated protein kinase kinase kinase 8, Ewing sarcoma transformant, proto-oncogene c-Cot or tumor progression locus 2.</p> <p>The MAP3K8 gene is an oncogene that encodes a member of the serine/threonine protein kinase family. The encoded protein localizes to the cytoplasm and can activate both the MAP kinase and JNK kinase pathways. This protein was shown to activate I<math>\kappa</math>B kinases, and thus induce the nuclear production of NF-<math>\kappa</math>B. This protein was also found to promote the production of TNF-<math>\alpha</math> and IL-2 during T lymphocyte activation. MAP3K8 may also utilize a downstream in-frame translation start codon, and thus produce an isoform containing a shorter N-terminus. The shorter isoform has been shown to display weaker transforming activity. Alternate splicing results in multiple transcript variants that encode the same protein (provided by RefSeq, Sep 2011).</p> <p>Rabbit anti Human MAP3K8 antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti MAP3K8 detects a band of approximately 53 kDa in NIH/3T3 cell lysates.
<b>Storage</b>	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00576">https://www.bio-rad-antibodies.com/SDS/VPA00576</a>
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
'M444368:250709'

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