



## Rabbit Anti-Phospho-MEK6 (Ser202) antibody

SL3276R

|                               |   |
|-------------------------------|---|
| <b>Product Name:</b>          | Phospho-MEK6 (Ser202)   |
| <b>Chinese Name:</b>          | 磷酸化丝裂原活化蛋白激酶MKK6抗体  |
| <b>Alias:</b>                 | MAP kinase kinase 6; MAPK/ERK kinase 6; MAPKK6; MEK6; Mitogen Activated Protein Kinase Kinase 6; MKK 6; MKK6; PRKMK6; SAPKK3; Dual specificity mitogen activated protein kinase kinase 6; MKK 6; Dual specificity mitogen activated protein kinase kinase 6; EC 2.7.12.2; MP2K6_HUMAN.  |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,  |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b>      | 37kDa   |
| <b>Cellular localization:</b> | The nucleuscytoplasmic  |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthesised phosphopeptide derived from human MEK6 around the phosphorylation site of Ser202:GI(p-S)GY   |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | Mitogen activated protein kinase kinase 6 (MEK6 or MKK6) belongs to the serine/threonine protein kinase family and the MAPK kinase subfamily (MAP2K, MKK  |

or MEKs). MEK6, closely related to MEK3, catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38, thus activating it, in response to inflammatory cytokines and environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this protein is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.

**Function:**

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38 exclusively.

**Subunit:**

Interacts with Yersinia yopJ.

**Tissue Specificity:**

Isoform 2 is only expressed in skeletal muscle. Isoform 1 is expressed in skeletal muscle, heart, and in lesser extent in liver or pancreas.

**Post-translational modifications:**

Weakly autophosphorylated. Phosphorylated by TAOK2.

Acetylation of Ser-207 and Thr-211 by Yersinia yopJ prevents phosphorylation and activation, thus blocking the MAPK signaling pathway.

**Similarity:**

Belongs to the enoyl-CoA hydratase/isomerase family.

**SWISS:**

P52564

**Gene ID:**

5608

**Database links:**

[Entrez Gene: 5608](#)Human

[Entrez Gene: 26399](#)Mouse

[Entrez Gene: 114495](#)Rat

[Omim: 601254](#)Human

[SwissProt: P52564](#)Human

[SwissProt: P70236](#)Mouse

[Unigene: 463978](#)Human

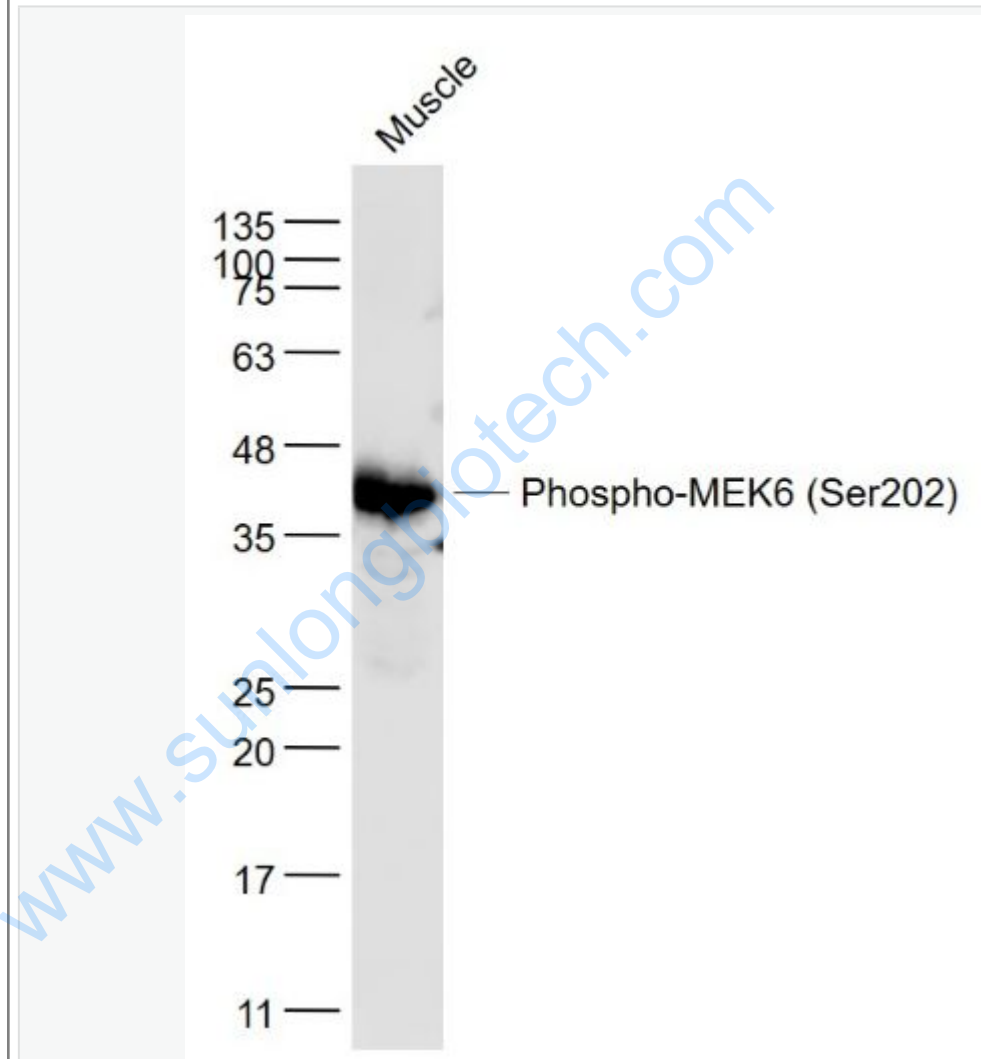
[Unigene: 14487](#)Mouse

[Unigene: 17256Rat](#)

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

Muscle (Mouse) Lysate at 40 ug

Primary: Anti- Phospho-MEK6 (Ser202) (SL3276R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 37 kD

Observed band size: 38 kD

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