ELK Biotechnology

# MEK-6 (phospho Ser207) rabbit pAb

## Cat No.:ES6830

**For research use only**

**Overview**

| | |
|---|---|
| **Product Name** | MEK-6 (phospho Ser207) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IHC;IF;ELISA |
| **Species Cross-Reactivity** | Human;Mouse;Rat |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| **Immunogen** | Synthesized phospho-peptide around the phosphorylation site of human MEK-6 (phospho Ser207) |
| **Specificity** | Phospho-MEK-6 (S207) Polyclonal Antibody detects endogenous levels of MEK-6 protein only when phosphorylated at S207. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Dual specificity mitogen-activated protein kinase kinase 6 |
| **Gene Name** | MAP2K6 |
| **Cellular localization** | Nucleus . Cytoplasm . Cytoplasm, cytoskeleton . Binds to microtubules. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | |
| **Human Gene ID** | 5608 |
| **Human Swiss-Prot Number** | P52564 |
| **Alternative Names** | MAP2K6; MEK6; MKK6; PRKMK6; SKK3; Dual specificity mitogen-activated protein kinase kinase 6; MAP kinase kinase 6; MAPKK 6; MAPK/ERK kinase 6; MEK 6; Stress-activated protein kinase kinase 3; |

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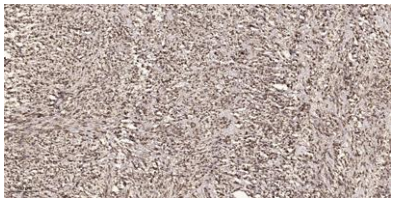
**Background**

SAPK kinase 3; SAPKK-3; SAPKK3
This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:2

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