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|  | <h1>Phospho-MAP2K4-S257/T261</h1> | <b>E<br/>9<br/>P<br/>0<br/>5<br/>4<br/>1</b> |
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| <b>Antibody type:</b>     | Polyclonal Antibody  |
| <b>Applications:</b>      | WB   |
| <b>Reactivity:</b>        | Human  |
| <b>Molecular Weight:</b>  | 44kDa  |
| <b>Immunogen:</b>         | A phospho specific peptide corresponding to residues surrounding S257/T261 of human MAP2K4   |
| <b>Gene ID:</b>           | 6416   |
| <b>Swiss-Prot No.:</b>    | P45985   |
| <b>Altername:</b>         | JNKK;JNKK1;MAPKK4;MEK4;MKK4;PRKMK4;SAPKK-1;SAPKK1;SEK1;SERK1;SKK1  |
| <b>Source:</b>            | Rabbit   |
| <b>Isotype:</b>           | IgG  |
| <b>Purification:</b>      | Affinity purification  |
| <b>Storage/Stability:</b> | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.   |
|                           | This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and |

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| <b>Background:</b>            | development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. |
| <b>Dilution:</b>              | WB 1:500 - 1:2000   |
| <b>Shipping&amp;Stablity:</b> | Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.  |