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# Product datasheet for AP55761PU-S

## MEKK1 (MAP3K1) pThr1402 Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | **Western blot:** 1:500~1:1000.<br>**Immunohistochemistry on paraffin section:** 1:50~1:100. |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Peptide sequence around phosphorylation site of threonine 1402(T-G-A(p)-G-F) derived from Human MAP3K1 (KLH-conjugated) |
| **Specificity:** | The antibody detects endogenous levels of MAP3K1 only when phosphorylated at threonine 1402. |
| **Formulation:** | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol<br>State: Aff - Purified<br>State: Liquid Ig fraction |
| **Concentration:** | lot specific |
| **Purification:** | Affinity chromatography using epitope-specific peptide |
| **Conjugation:** | Unconjugated |
| **Storage:** | Upon receipt, store undiluted (in aliquots) at -20°C.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 130 kDa |
| **Gene Name:** | mitogen-activated protein kinase kinase kinase 1 |
| **Database Link:** | Entrez Gene 4214 Human<br>Q13233 |
| **Background:** | Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway. |

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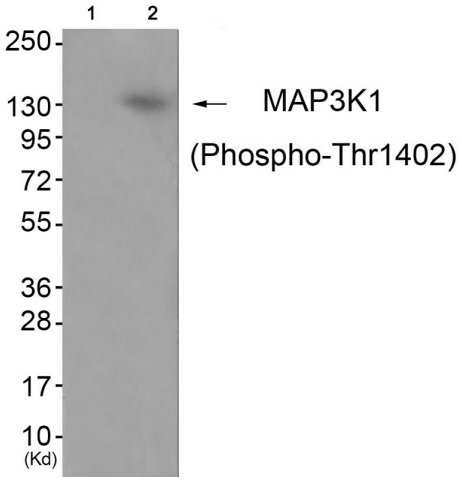
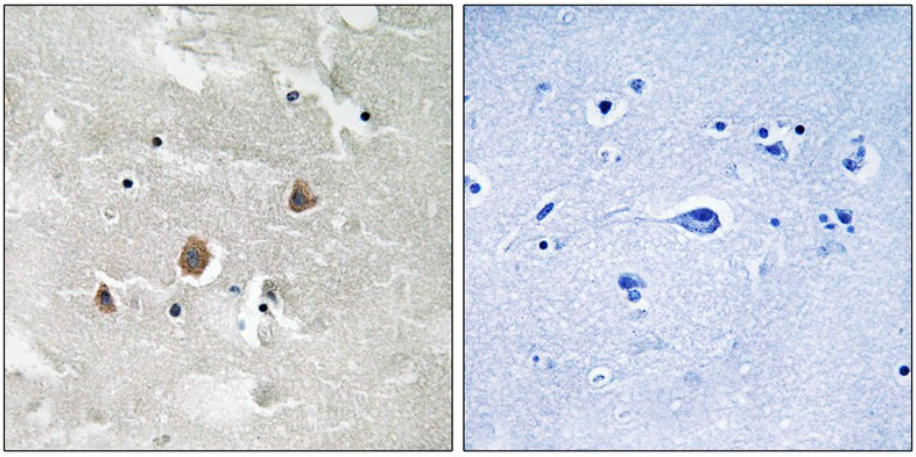
**Synonyms:** MAPKKK1, MEKK, MEKK1, MAPK/ERK kinase kinase 1

## Product images:




Western blot analysis of extracts from JK cells (Lane 2), using MAP3K1 (Phospho-Thr1402) Antibody. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using MAP3K1 (Phospho-Thr1402) Antibody (left)or the same antibody preincubated with blocking peptide (right).