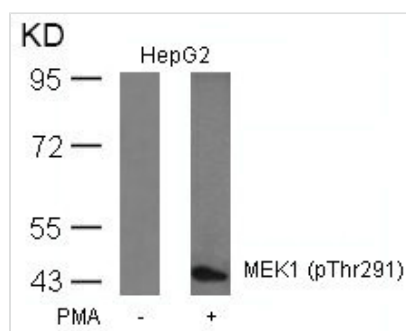


Phospho-MAP2K1 (Thr291) Antibody

Product Code	CSB-PA241335
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q02750
Immunogen	Peptide sequence around phosphorylation site of threonine 291 (P-R-T(p)-P-G derived from Human MEK1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of MEK1 only when phosphorylated at threonine 291.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases. Kevin D. Burroughs, et.al. (2003) Mol. Cancer Res ; 1: 312. Michael J. Piatelli, et.al. (2002) J. Biol. Chem ; 277: 12144 - 12150. Margaret M. Morgan, et.al. (2001) J. Immunol ; 167: 5708. Herbert Schramek, et.al. (2003) Am J Physiol Cell Physiol, ; 285: C652 - C661.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
Clonality	Polyclonal
Alias	ERK activator kinase 1; MAP kinase kinase 1; MAP2K1; MAPK/ERK kinase 1; MAPKK 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAP2K1

Image



Western blot analysis of extracts from HepG2 cells untreated or treated with PMA using MEK1(Phospho-Thr291) Antibody.



Product Modify

Phospho-Thr291