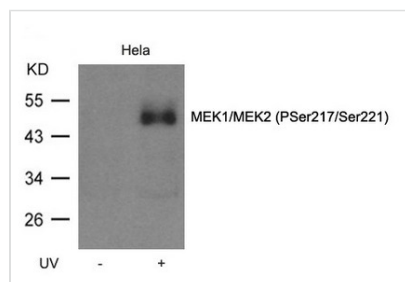




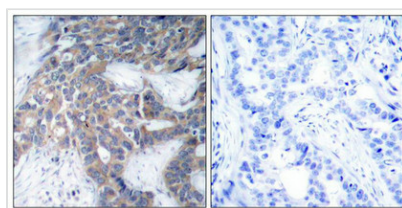
Phospho-MAP2K1 (Ser217/Ser221) Antibody

Product Code	CSB-PA297521
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q02750
Immunogen	Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of MEK1/MEK2 only when phosphorylated at serine 217/221.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:1000,IHC:1:50-1:100
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.Shen R, et al. (2002) Mol Cell Biol; 22(10): 3230-3236Preisinger C, et al. (2005) EMBO J; 24(4): 753-765Laine P, et al. (2000) Biochem J; 349(Pt 1): 19-25Yaglom J, et al. (2003) Mol Cell Biol; 23(11): 3813-3824Dahan S, et al. (2002) Infect Immun; 70(5): 2304-2310
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
Clonality	Polyclonal
Alias	ERK activator kinase 1/ERK activator kinase2; MAP kinase kinase 1/MAP kinase kinase 2; MAP2K1/MAP2K1; MAPK/ERK kinase 1/MAPK/ERK kinase 2; MAPKK 1/MAPKK 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAP2K1

Image



Western blot analysis of extracts from HeLa cell untreated or treated with UV
MEK1/MEK2(Phospho-Ser217/Ser221) Antibody



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1/MEK2(Phospho-Ser217/Ser221) Antibody(left) or the same antibody preincubated with blocking peptide(right).

Product Modify
Phospho-Ser217/Ser221