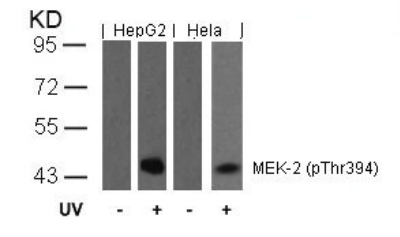
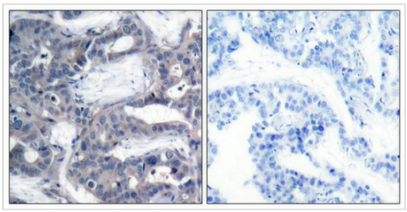
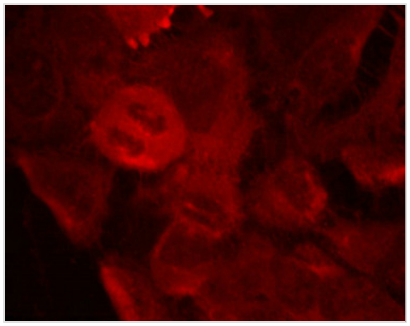
Phospho-MAP2K2 (Thr394) Antibody

Product Code	CSB-PA062510
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P36507
Immunogen	Peptide sequence around phosphorylation site of threonine 394 (P-G-T(p)-P-T) derived from Human MEK-2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of MEK2 only when phosphorylated at threonine 394.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases. Crews C M, et al. (1992) Science. 258:478-480. Alessi D R, et al. (1994) EMBO J. 13:1610-1619. Rosen L B, et al. (1994) Neuron. 12:1207-1221. Cowley S, et al. (1994) Cell. 77:841-852.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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 chromatogramphy usi
Clonality	Polyclonal
Alias	ERK activator kinase 2; MAP kinase kinase 2; MAP2K2; MAPK/ERK kinase 2; MAPKK 2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAP2K2
Image	 Western blot analysis of extracts from HepG2 and Hela cells untreated or treated with UV using MEK-2(Phospho-Thr394) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Phospho-Thr394) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using MEK-2(Phospho-Thr394) Antibody.

Product Modify	Phospho-Thr394