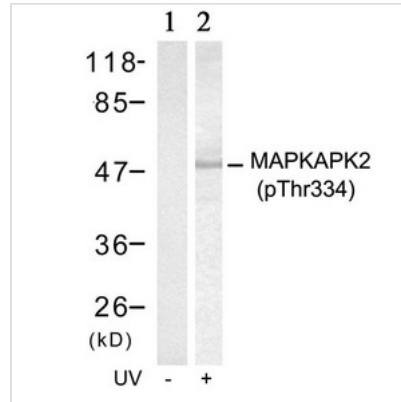


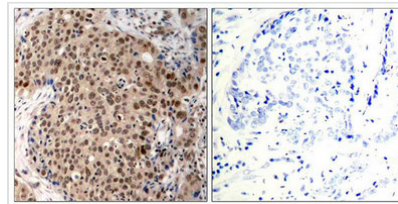


Phospho-MAPKAPK2 (Thr334) Antibody

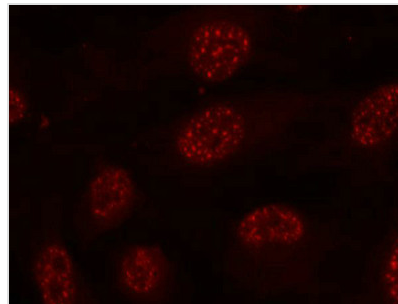
Product Code	CSB-PA583541
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P49137
Immunogen	Peptide sequence around phosphorylation site of threonine 334 (P-Q-T(p)-P-L) derived from Human MAPKAPK-2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of MAPKAPK-2 only when phosphorylated at threonine 334.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	<p>MAPKAPK-2 encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.</p> <p>Rouse, J. et al. (1994) Cell 78, 1027-1037. Ben-Levy, R. et al. (1995) EMBO J. 14, 5920-5930.</p>
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	MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPK2; MAPKAP kinase 2; MAPKAPK-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAPKAPK2
Image	



Western blot analysis of extracts from HeLa cells untreated(lane 1) or treated with UV(lane 2) using MAPKAPK-2(Phospho-Thr334) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MAPKAPK-2(Phospho-Thr334) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using MAPKAPK-2(Phospho-Thr334) Antibody.

Product Modify

Phospho-Thr334