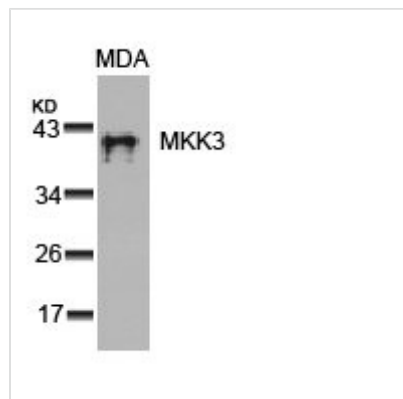


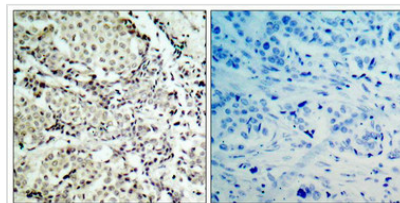


MAP2K3 (Ab-189) Antibody

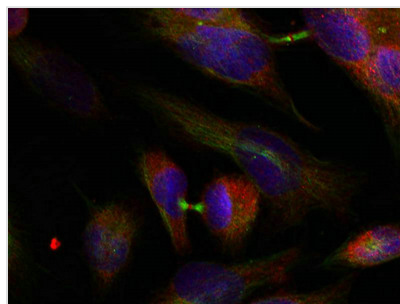
Product Code	CSB-PA563519
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P46734
Immunogen	Peptide sequence around aa.187~191 (V-D-S-V-A) derived from Human MKK3.
Raised In	Rabbit
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total MKK3 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	MEK3 belongs to MAPKK family. This kinase is activated by mitogenic and environmental stress, and participates in the MAPK-mediated signaling cascade. It phosphorylates and thus activates p38. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of Ras oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of p38, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersina pseudotuberculosis. Wang W, et al. (2002) Mol Cell Biol ; 22(10): 3389-403. Raingaud J, et al. (1996) Mol Cell Biol; 16(3): 1247-55.
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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	MAP kinase kinase 3; MAP2K3; MAPK/ERK kinase 3; MAPKK 3; MEK3
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAP2K3
Image	



Western blot analysis of extracts from MDA cells using MKK3(Ab-189) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MKK3(Ab-189) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using MKK3(Ab-189) Antibody.