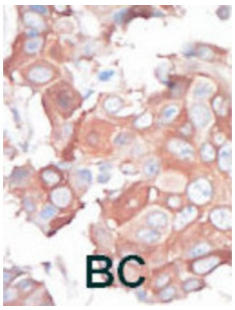
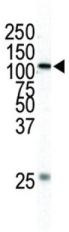
MAPK/ERK Kinase Kinase 1 (MEKK1) Antibody

Catalogue No.:abx033756





Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK1 can phosphorylate and activate MAPKK 1 and MAPKK 2 (MEK1/MEK2) which leads to phosphorylation of MAP kinases. It is also a highly efficient activator of the JNK cascade. The protein contains a putative 1 RING-type zinc finger and 1 SWIM-type zinc finger.

Target:	MAPK/ERK Kinase Kinase 1 (MEKK1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 1145-1176 amino acids from the C-terminal region of human MEKK1.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13233 (UniProt, ExPASy)
KEGG:	hsa:4214
String:	9606.ENSP00000382423
Molecular Weight:	Calculated MW: 164 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse MAP3K1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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