

Anti-MAPK8/MAPK9/MAPK10 Polyclonal Antibody

Cat: K110326P

Summary:

【Product name】 : Anti-MAPK8/MAPK9/MAPK10 **【Source】** : Rabbit

antibody

【Isotype】 : IgG

【Species reactivity】 : Human Mouse Rat

【Swiss Prot】 : P45983/P45984/P53779

【Gene ID】 :

【Calculated】 : MW:27/35/44/48/49/53kDa

【Observed】 : MW:52kDa

【Purification】 : Affinity purification

【Tested applications】 : WB

【Recommended dilution】 : WB 1:1000-3000.

【WB Positive sample】 : Mouse heart, Mouse liver, Mouse kidney, Rat kidney

【Subcellular location】 : Cytoplasm

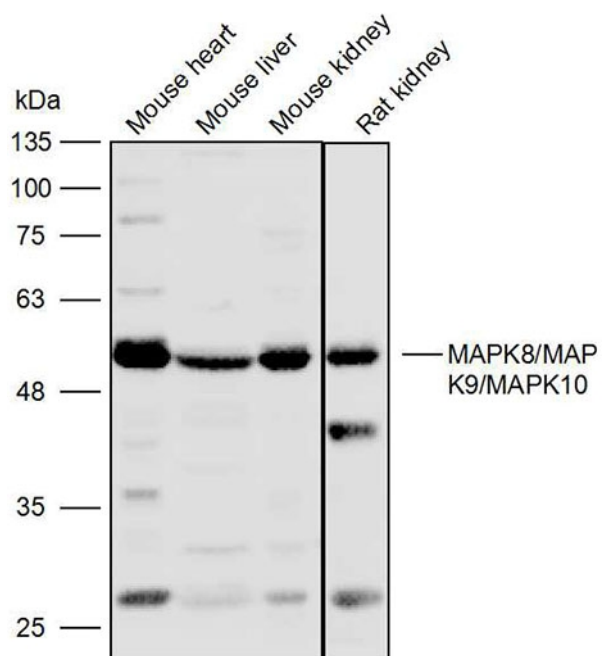
【Immunogen】 : A synthetic peptide of MAPK8/MAPK9/MAPK10

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrome c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

Verified picture



Western blot analysis with MAPK8/MAPK9/MAPK10
antibody diluted at 1:2000; Lane: Mouse heart, Mouse
liver, Mouse kidney, Rat kidney