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MEKK6 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7912a

Product Information

Application	WB, IHC-P, E
Primary Accession	O95382
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	142596
Antigen Region	1028-1058

Additional Information

Gene ID	9064
Other Names	Mitogen-activated protein kinase kinase kinase 6, Apoptosis signal-regulating kinase 2, MAP3K6, ASK2, MAPKKK6, MEKK6
Target/Specificity	This MEKK6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1028-1058 amino acids from the C-terminal region of human MEKK6.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MEKK6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MAP3K6
Synonyms	ASK2, MAPKKK6, MEKK6
Function	Component of a protein kinase signal transduction cascade. Activates the JNK, but not ERK or p38 kinase pathways.

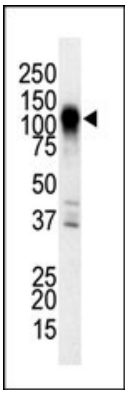
Background

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. MEKK6 activates the JNK, but not ERK or p38 kinase pathways.

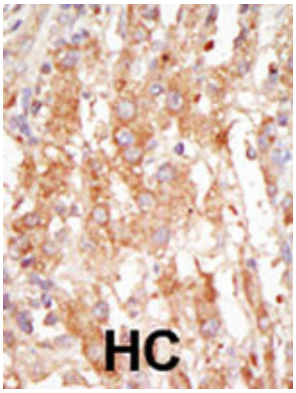
References

Wang, X.S., et al., Biochem. Biophys. Res. Commun. 253(1):33-37 (1998).

Images



The anti-MEKK6 Pab (Cat. #AP7912a) is used in Western blot to detect MEKK6 in NIH3T3 cell lysate.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

Citations

- Protein profiling in human sera for identification of potential lung cancer biomarkers using antibody microarray.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.