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MAP3K11 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5174d

Specification

MAP3K11 Antibody - Product Information

Application	**WB,E**
Primary Accession	Q16584
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**92688**

MAP3K11 Antibody - Additional Information

Gene ID 4296

Other Names
Mitogen-activated protein kinase kinase kinase 11, Mixed lineage kinase 3, Src-homology 3 domain-containing proline-rich kinase, MAP3K11 (HGNC:6850)

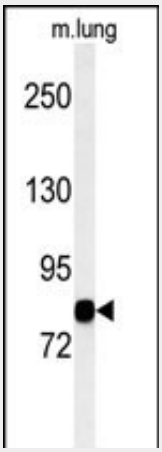
Target/Specificity
This MAP3K11 antibody is generated from rabbits immunized with MAP3K11 recombinant protein.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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
MAP3K11 Antibody is for research use only and not for use in diagnostic or therapeutic



Western blot analysis of MAP3K11 Antibody (Cat. #AP5174d) in mouse lung tissue lysates (35ug/lane).MAP3K11 (arrow) was detected using the purified Pab.

MAP3K11 Antibody - Background

MAP3K11 is a member of the serine/threonine kinase family. This kinase contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates IkappaB kinase alpha and beta, and is found to be involved in the transcription activity of NF-kappaB mediated by Rho family GTPases and CDC42.

MAP3K11 Antibody - References

Rangasamy, V., et al. Cancer Res. 70(4):1731-1740(2010)
Velho, S., et al. Hum. Mol. Genet. 19(4):697-706(2010)
Cole, E.T., et al. Biochim. Biophys. Acta 1793(12):1811-1818(2009)

procedures.

MAP3K11 Antibody - Protein Information

Name MAP3K11 (HGNC:6850)

Function
Activates the JUN N-terminal pathway. Required for serum- stimulated cell proliferation and for mitogen and cytokine activation of MAPK14 (p38), MAPK3 (ERK) and MAPK8 (JNK1) through phosphorylation and activation of MAP2K4/MKK4 and MAP2K7/MKK7. Plays a role in mitogen-stimulated phosphorylation and activation of BRAF, but does not phosphorylate BRAF directly. Influences microtubule organization during the cell cycle.

Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.
Note=Location is cell cycle dependent

Tissue Location
Expressed in a wide variety of normal and neoplastic tissues including fetal lung, liver, heart and kidney, and adult lung, liver, heart, kidney, placenta, skeletal muscle, pancreas and brain.

MAP3K11 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture