



MLK3 (phospho Ser674) rabbit pAb

Cat No.:ES1535

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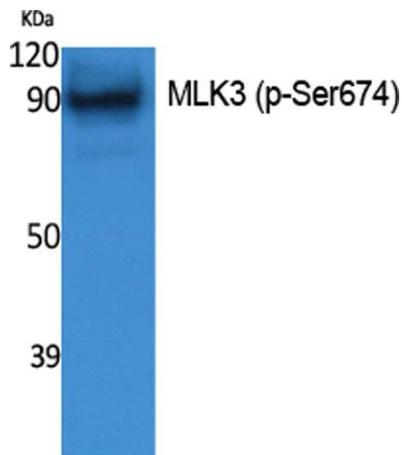
Overview

Product Name	MLK3 (phospho Ser674) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human MLK3 (phospho Ser674)
Specificity	Phospho-MLK3 (S674) Polyclonal Antibody detects endogenous levels of MLK3 protein only when phosphorylated at S674.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mitogen-activated protein kinase kinase kinase 11
Gene Name	MAP3K11
Cellular localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Location is cell cycle dependent.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4296
Human Swiss-Prot Number	Q16584
Alternative Names	MAP3K11; MLK3; PTK1; SPRK; Mitogen-activated protein kinase kinase kinase 11; Mixed lineage kinase 3; Src-homology 3 domain-containing proline-rich kinase
Background	The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase

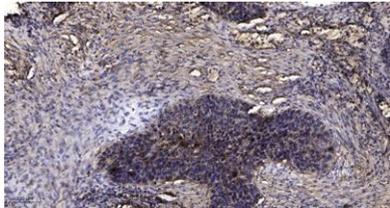




contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates I kappa B kinase alpha and beta, and is found to be involved in the transcription activity of NF-kappaB mediated by Rho family GTPases and CDC42. [provided by RefSeq, Jul 2008],



Western Blot analysis of extracts from NIH-3T3 cells, using Phospho-MLK3 (S674) Polyclonal Antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

