

## MLK3 rabbit pAb

## Cat No.:ES6252

For research use only

## Overview

Product Name	MLK3 rabbit pAb	
Host species	Rabbit	
Applications	IHC;IF;ELISA	
Species Cross-Reactivity	Human;Mouse;Rat	
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA:	
	1/20000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human MLK3. AA	
	range:640-689	
Specificity	MLK3 Polyclonal Antibody detects endogenous	
	levels of MLK3 protein.	
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	



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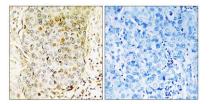
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contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates IkappaB kinase alpha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

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MLK3 Antibody. The picture on the right is blocked with the synthesized peptide.





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