

**Product Name: MLK3 Rabbit Monoclonal antibody**  
**Catalog #: AMRe02262**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | MLK3 Rabbit Monoclonal antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,ICC/IF                              |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | MAP3K11                                                                                                                                                    |
| <b>Alternative Names</b> | MAP3K11; MLK3; PTK1; SPRK; Mitogen-activated protein kinase kinase kinase 11; Mixed lineage kinase 3; Src-homology 3 domain-containing proline-rich kinase |
| <b>Gene ID</b>           | 4296                                                                                                                                                       |
| <b>SwissProt ID</b>      | Q16584.                                                                                                                                                    |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IF: 1:50-1:200            |
| <b>Molecular Weight</b> | Calculated MW: 93 kDa; Observed MW: 93 kDa |

## Background

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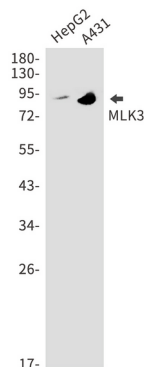


The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates 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.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of MLK3 in HepG2, A431 lysates using MLK3 antibody.

## Note

For research use only.