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# Anti-MAP3K9 / MLK1 Antibody (Internal)

**Rabbit Anti Human Polyclonal Antibody**
**Catalog # ALS17487**

## Specification

### Anti-MAP3K9 / MLK1 Antibody (Internal) - Product Information

| | |
|---|---|
| Application | **IHC-P** |
| Primary Accession | P80192 |
| Predicted | **Human, Mouse, Rabbit, Hamster, Pig** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **121895** |
| Dilution | **IHC-P~~N/A** |

### Anti-MAP3K9 / MLK1 Antibody (Internal) - Additional Information

**Gene ID** 4293

| | |
|---|---|
| Alias Symbol | **MAP3K9** |

**Other Names**
MAP3K9, MEKK9, MLK1, Mixed lineage kinase 1, PRKE1

**Target/Specificity**
Human MAP3K9. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**
Immunoaffinity purified

**Precautions**
Anti-MAP3K9 / MLK1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

### Anti-MAP3K9 / MLK1 Antibody (Internal) - Protein Information

**Name** MAP3K9

**Synonyms** MLK1, PRKE1

**Function**
Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. Plays an important role in the cascades of cellular responses evoked by changes in the environment. Once activated, acts as an upstream activator of the MKK/JNK signal transduction cascade through the phosphorylation of MAP2K4/MKK4 and MAP2K7/MKK7 which in turn activate the JNKs. The MKK/JNK signaling pathway regulates stress response via activator protein-1 (JUN) and GATA4 transcription factors. Also plays a role in mitochondrial death signaling pathway, including the release cytochrome c, leading to apoptosis.

**Tissue Location**
Expressed in epithelial tumor cell lines of colonic, breast and esophageal origin.

## Anti-MAP3K9 / MLK1 Antibody (Internal) - 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

## Anti-MAP3K9 / MLK1 Antibody (Internal) - Images