

Anti-MAP3K9 / MLK1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17487

Product Information

Application	IHC-P
Primary Accession	P80192
Predicted	Human, Mouse, Rabbit, Hamster, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121895
Concentration (mg/ml)	1 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.