

Product datasheet for **AP55766PU-N**

MAP3K9 pThr312/266 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1:50~1:100 .
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of threonine 312/266(A-G-T(p)-Y-A) derived from Human MLK1/2 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of MLK1/2 only when phosphorylated at threonine 312/266.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	121 kDa
Gene Name:	mitogen-activated protein kinase kinase kinase 9
Database Link:	Entrez Gene 4293 Human P80192



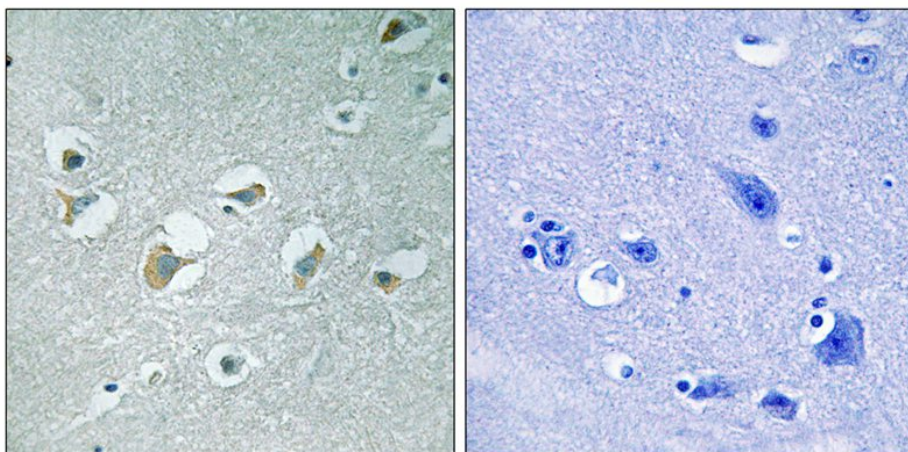
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Background:

The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phosphorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis.

Synonyms:

MLK1, PRKE1, M3K9, MLK2, MST

Product images:

Immunohistochemical analysis of paraffin-embedded human brain tissue using MLK1/2 (Phospho-Thr312/266) antibody (left) or the same antibody preincubated with blocking peptide (right).