

MEKK3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7909a**Specification**

MEKK3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q99759](#)**MEKK3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4215**Other Names**

Mitogen-activated protein kinase kinase kinase 3, MAPK/ERK kinase kinase 3, MEK kinase 3, MEKK3, MAP3K3, MAPKKK3, MEKK3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7909a](/product/products/AP7909a) was selected from the N-term region of human MEKK3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MEKK3 Antibody (N-term) Blocking Peptide - Protein Information**Name** MAP3K3**Synonyms** MAPKKK3, MEKK3**Function**

Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.

MEKK3 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MEKK3 Antibody (N-term) Blocking Peptide - Images

MEKK3 Antibody (N-term) Blocking Peptide - Background

Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK3 preferentially activates p42/44 (ERK2/ERK1) MAP kinases.

MEKK3 Antibody (N-term) Blocking Peptide - References

Ellinger-Ziegelbauer, H., et al., J. Biol. Chem. 272(5):2668-2674 (1997).