

Phospho-MAP3K1(T1383) Antibody Blocking peptide
Synthetic peptide
Catalog # BP3321a**Specification**

Phospho-MAP3K1(T1383) Antibody Blocking peptide - Product InformationPrimary Accession [Q13233](#)**Phospho-MAP3K1(T1383) Antibody Blocking peptide - Additional Information**

Gene ID 4214

Other Names

Mitogen-activated protein kinase kinase kinase 1, MAPK/ERK kinase kinase 1, MEK kinase 1, MEKK1, MAP3K1, MAPKKK1, MEKK, MEKK1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP3321a](#) was selected from the region of human Phospho-MAP3K1-T1383. 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.

Phospho-MAP3K1(T1383) Antibody Blocking peptide - Protein Information

Name MAP3K1

Synonyms MAPKKK1, MEKK, MEKK1

Function

Component of a protein kinase signal transduction cascade (PubMed:[9808624](http://www.uniprot.org/citations/9808624)). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:[9808624](http://www.uniprot.org/citations/9808624)). May phosphorylate the MAPK8/JNK1 kinase (PubMed:[17761173](http://www.uniprot.org/citations/17761173)). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:[9808624](http://www.uniprot.org/citations/9808624)).

Phospho-MAP3K1(T1383) Antibody Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Phospho-MAP3K1(T1383) Antibody Blocking peptide - Images**Phospho-MAP3K1(T1383) Antibody Blocking peptide - Background**

Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway.

Phospho-MAP3K1(T1383) Antibody Blocking peptide - References

Dasse,E., Leukemia 21 (4), 595-603 (2007)Yu,F., PLoS Pathog. 3 (3), E44 (2007)Wu,Y., Oncogene 25 (42), 5787-5800 (2006)