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Phospho-MAP3K1(T1383) Antibody Blocking peptide

Synthetic peptide
Catalog # BP3321a

Specification

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

Primary 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, MEKK 1, MAP3K1, MAPKKK1, MEKK, MEKK1

Target/Specificity
The synthetic peptide sequence used to generate the antibody <a >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). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:9808624). May phosphorylate the MAPK8/JNK1 kinase (PubMed:17761173). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:9808624).

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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)