10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Taok3 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17319a

Specification

Mouse Taok3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8BYC6

Mouse Taok3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 330177

Other Names
Serine/threonine-protein kinase TAO3, Thousand and one amino acid protein 3, Taok3

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.

Mouse Taok3 Antibody (N-term) Blocking Peptide - Protein Information

Name Taok3

Function
Serine/threonine-protein kinase that acts as a regulator of the p38/MAPK14 stress-activated MAPK cascade and of the MAPK8/JNK cascade. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. Inhibits basal activity of MAPK8/JNK cascade and diminishes its activation in response epidermal growth factor (EGF) (By similarity).

Cellular Location
Cytoplasm.

Mouse Taok3 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Taok3 Antibody (N-term) Blocking Peptide - Images

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Mouse Taok3 Antibody (N-term) Blocking Peptide - Background

Inhibits the basal activity of Jun kinase. Negatively regulated by epidermal growth factor (EGF). When overexpressed, may activate ERK1/ERK2 and JNK/SAPK (By similarity).

Mouse Taok3 Antibody (N-term) Blocking Peptide - References

Stryke, D., et al. Nucleic Acids Res. 31(1):278-281(2003)