

Mouse Taok3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17319a**Specification**

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

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)