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

Mouse Taok3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17319a

Specification

Mouse Taok3 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8BYC6
Other Accession	NP_001074777.1
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**105336**
Antigen Region	**257-284**

Mouse Taok3 Antibody (N-term) - Additional Information

Gene ID 330177

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

Target/Specificity
This Mouse Taok3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 257-284 amino acids from the N-terminal region of mouse Taok3.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Taok3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Taok3 Antibody (N-term) - 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).

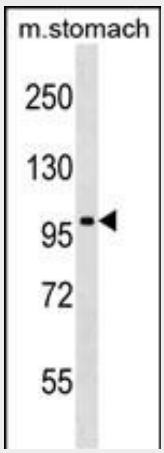
Cellular Location
Cytoplasm.

Mouse Taok3 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Taok3 Antibody (N-term) - Images



Mouse Taok3 Antibody (N-term) (Cat. #AP17319a) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the Taok3 antibody detected the Taok3 protein (arrow).

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

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