

**Mouse Taok3 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17319a****Specification**

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**Mouse Taok3 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8BYC6</a>
Other Accession	<a href="#">NP_001074777.1</a>
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

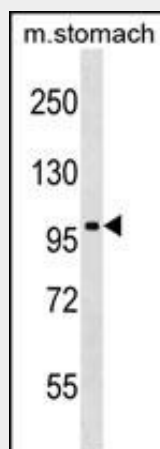
Cytoplasm.

#### 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 Cytometry](#)
- [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)