### Mouse Fastk Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP14839a

# **Specification**

### Mouse Fastk Antibody (N-term) Blocking Peptide - Product Information

**Primary Accession** 

**09IIX9** 

# Mouse Fastk Antibody (N-term) Blocking Peptide - Additional Information

#### **Other Names**

Fas-activated serine/threonine kinase, FAST kinase, Fastk

#### **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 Fastk Antibody (N-term) Blocking Peptide - Protein Information

#### Name Fastk

# **Function**

Phosphorylates the splicing regulator TIA1, thereby promoting the inclusion of FAS exon 6, which leads to an mRNA encoding a pro- apoptotic form of the receptor (By similarity). Required for the biogenesis of some mitochondrial-encoded mRNAs, specifically stabilizes ND6 (NADH dehydrogenase complex subunit 6) mRNA, and regulates its levels.

# **Cellular Location**

Mitochondrion matrix. Note=Colocalizes with mitochondrial RNA granules.

### Mouse Fastk Antibody (N-term) Blocking Peptide - Protocols

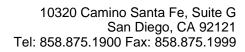
Provided below are standard protocols that you may find useful for product applications.

#### Blocking Peptides

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

# Mouse Fastk Antibody (N-term) Blocking Peptide - Background

Fas-mediated apoptosis is characterized by FASTK-dephosphorylation and TIA-1-phosphorylation.





Both are activated and FASTK-mediated TIA-1 activation play a key role in apoptosis (By similarity).