



## FASTK Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP7084a

## **Specification**

FASTK Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q14296 Other Accession NP 006703

FASTK Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10922

#### **Other Names**

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

#### Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/product/pr oducts/AP7084a>AP7084a</a> was selected from the N-term region of human FASTK. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

#### **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**

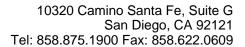
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FASTK Antibody (N-term) Blocking Peptide - Protein Information

Name FASTK

# FASTK Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase was shown to be activated rapidly during Fas-mediated apoptosis in Jurkat cells. In response to Fas receptor ligation, it phosphorylates TIA1, anbapoptosis-promoting nuclear RNA-binding protein. The encoded protein is a strong inducer of lymphocyte apoptosis.





### **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.

#### **Cellular Location**

[Isoform 4]: Mitochondrion matrix. Note=Colocalizes with mitochondrial RNA granules.

## **Tissue Location**

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

## FASTK Antibody (N-term) Blocking Peptide - Protocols

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

• Blocking Peptides