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FASTK Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12464b

Specification

FASTK Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q14296

FASTK Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10922

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.

FASTK Antibody (C-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.

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 (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

FASTK Antibody (C-term) Blocking peptide - Images

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FASTK Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of theserine/threonine protein kinase family. This kinase was shown to beactivated rapidly during Fas-mediated apoptosis in Jurkat cells. Inresponse to Fas receptor ligation, it phosphorylates TIA1, anapoptosis-promoting nuclear RNA-binding protein. The encodedprotein is a strong inducer of lymphocyte apoptosis. Two transcriptvariants encoding different isoforms have been found for this gene.Other variants exist, but their full-length natures have not yetbeen determined.

FASTK Antibody (C-term) Blocking peptide - References

Simarro, M., et al. J. Immunol. 184(9):5325-5332(2010)de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)Simarro, M., et al. Proc. Natl. Acad. Sci. U.S.A. 104(27):11370-11375(2007)Wu, C., et al. Proteomics 7(11):1775-1785(2007)Izquierdo, J.M., et al. J. Biol. Chem. 282(3):1539-1543(2007)