

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

FASTK Antibody (C-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 inactivated rapidly during Fas-mediated apoptosis in Jurkat cells. In response to Fas receptor ligation, it phosphorylates TIA1, an apoptosis-promoting nuclear RNA-binding protein. The encoded protein is a strong inducer of lymphocyte apoptosis. Two transcript variants encoding different isoforms have been found for this gene. Other variants exist, but their full-length natures have not yet been 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)