

FASTK Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7129a

Specification

FASTK Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O14296](#)

FASTK Antibody (Center) 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 [AP7129a](/product/products/AP7129a) was selected from the Center 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FASTK Antibody (Center) Blocking Peptide - Images

FASTK Antibody (Center) Blocking Peptide - Background

FASTK 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, an apoptosis-promoting nuclear RNA-binding protein. The encoded protein is a strong inducer of lymphocyte apoptosis.

FASTK Antibody (Center) Blocking Peptide - References

Li, W., et al., Mol. Cell. Biol. 24(24):10718-10732 (2004). Scherer, S.W., et al., Science 300(5620):767-772 (2003). Tian, Q., et al., J. Exp. Med. 182(3):865-874 (1995). Auffray, C., et al., C. R. Acad. Sci. III, Sci. Vie 318(2):263-272 (1995).