10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STYK1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7729a

Specification

STYK1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q6J9G0
Other Accession	Q52LR3

STYK1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 55359

Other Names
Tyrosine-protein kinase STYK1, Novel oncogene with kinase domain, Protein PK-unique, Serine/threonine/tyrosine kinase 1, STYK1, NOK

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7729a was selected from the N-term region of human STYK1. 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.

STYK1 Antibody (N-term) Blocking Peptide - Protein Information

Name STYK1

Synonyms NOK

Function
Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways (By similarity).

Cellular Location
Membrane; Single-pass membrane protein

Tissue Location
Widely expressed. Highly expressed in brain, placenta and prostate. Expressed in tumor cells such as hepatoma cells L-02, cervix carcinoma cells HeLa, ovary cancer cells Ho8910 and chronic myelogenous leukemia cells K-562, but not in other tumor cells such as epidermoid carcinoma (A-431). Undetectable in most normal lung tissues, widely expressed in lung cancers

STYK1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

STYK1 Antibody (N-term) Blocking Peptide - Images

STYK1 Antibody (N-term) Blocking Peptide - Background

STYK1, a probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways. It is widely expressed; highly expressed in brain, placenta and prostate. STYK1 is expressed in tumor cells such as hepatoma cells LO2, cervix carcinoma cells HeLa, ovary cancer cells Ho8910 and chronic myelogenous leukemia cells K562, but not in other tumor cells such as epidermoid carcinoma.

STYK1 Antibody (N-term) Blocking Peptide - References

Ye, X., et al., Mol. Biol. Rep. 30(2):91-96 (2003).