

STK19 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7189a**Specification**

STK19 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P49842](#)
Other Accession [Q5ST75](#)

STK19 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8859

Other Names

Serine/threonine-protein kinase 19, Protein G11, Protein RP1, STK19, G11, RP1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7189a](/product/products/AP7189a) was selected from the N-term region of human STK19. 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.

STK19 Antibody (N-term) Blocking Peptide - Protein Information

Name STK19 {ECO:0000303|PubMed:30712867, ECO:0000312|HGNC:HGNC:11398}

Function

[Isoform 1]: Inactive serine/threonine-protein kinase (PubMed:[32531246](http://www.uniprot.org/citations/32531246), PubMed:[32531245](http://www.uniprot.org/citations/32531245)) (Probable). May control NRAS activity via an associated kinase (PubMed:[32531246](http://www.uniprot.org/citations/32531246)) (Probable).

Cellular Location

[Isoform 3]: Nucleus. Note=Very tightly chromatin-associated

Tissue Location

Monocytes, hepatocytes, epithelial cells, T- and B- lymphocytes.

STK19 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

STK19 Antibody (N-term) Blocking Peptide - Images

STK19 Antibody (N-term) Blocking Peptide - Background

STK19 is a serine/threonine kinase which localizes predominantly to the nucleus. Its specific function is unknown; it is possible that phosphorylation of this protein is involved in transcriptional regulation.

STK19 Antibody (N-term) Blocking Peptide - References

Gomez-Escobar, N., et al., J. Biol. Chem. 273(47):30954-30960 (1998). Yang, Z., et al., Genomics 53(3):338-347 (1998). Ulgiati, D., et al., Immunogenetics 43(4):250-252 (1996). Sargent, C.A., et al., Hum. Mol. Genet. 3(3):481-488 (1994). Shen, L., et al., J. Biol. Chem. 269(11):8466-8476 (1994).