

STK33 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14947a**Specification**

STK33 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BYT3](#)**STK33 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 65975**Other Names**

Serine/threonine-protein kinase 33, STK33

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.

STK33 Antibody (N-term) Blocking Peptide - Protein Information**Name** STK33**Function**

Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME (By similarity). Not essential for the survival of KRAS-dependent AML cell lines.

Cellular Location

Cytoplasm, perinuclear region.

Tissue Location

Highly expressed in testis, fetal lung and heart, followed by pituitary gland, kidney, interventricular septum, pancreas, heart, trachea, thyroid gland and uterus. Weak hybridization signals were observed in the following tissues: amygdala, aorta, esophagus, colon ascending, colon transverse, skeletal muscle, spleen, peripheral blood leukocyte, lymph node, bone marrow, placenta, prostate, liver, salivary gland, mammary gland, some tumor cell lines, fetal brain, fetal liver, fetal spleen and fetal thymus. No signal at all was detectable in RNA from tissues of the nervous system

STK33 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

STK33 Antibody (N-term) Blocking Peptide - Images

STK33 Antibody (N-term) Blocking Peptide - Background

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.

STK33 Antibody (N-term) Blocking Peptide - References

Fontaine-Bisson, B., et al. Diabetologia 53(10):2155-2162(2010)Willer, C.J., et al. Nat. Genet. 41(1):25-34(2009)Mujica, A.O., et al. FEBS J. 272(19):4884-4898(2005)Mujica, A.O., et al. Gene 280 (1-2), 175-181 (2001) :Amid, C., et al. Cytogenet. Cell Genet. 93 (3-4), 284-290 (2001) :