

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

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**STK33 Antibody (N-term) Blocking Peptide - Product Information**Primary 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) :