

STK33 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14947a**Specification**

STK33 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9BYT3
Other Accession	NP_112168.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57831
Antigen Region	39-68

STK33 Antibody (N-term) - Additional Information**Gene ID** 65975**Other Names**

Serine/threonine-protein kinase 33, STK33

Target/Specificity

This STK33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-68 amino acids from the N-terminal region of human STK33.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

STK33 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

STK33 Antibody (N-term) - 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

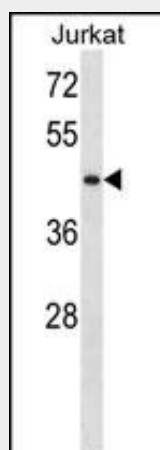
Highly expressed in testis, fetal lung and heart, followed by pituitary gland, kidney, interventricular septum, pancreas, heart, trachea, thyroid gland and uterus. Weak hybridization signals were observed in the following tissues: amygdala, aorta, esophagus, colon ascending, colon transverse, skeletal 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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

STK33 Antibody (N-term) - Images



STK33 Antibody (N-term) (Cat. #AP14947a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the STK33 antibody detected the STK33 protein (arrow).

STK33 Antibody (N-term) - Background

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

STK33 Antibody (N-term) - 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) :