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

SNRK Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7249c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NRH2
Other Accession	Q63553, Q8VDU5
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB09439
Calculated MW	84276
Antigen Region	320-349

Additional Information

Gene ID	54861
Other Names	SNF-related serine/threonine-protein kinase, SNF1-related kinase, SNRK {ECO:0000312|EMBL:AAH715671}
Target/Specificity	This SNRK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 320-349 amino acids from the Central region of human SNRK.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	SNRK Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SNRK {ECO:0000312|EMBL:AAH71567.1}
Function	May play a role in hematopoietic cell proliferation or differentiation. Potential mediator of neuronal apoptosis.

Cellular Location	Nucleus.
Tissue Location	Expressed in hematopoietic progenitor cells and leukemic cell lines. Weakly expressed in the testis

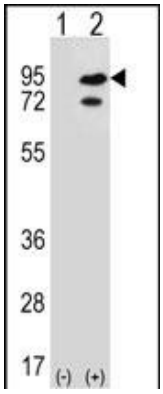
Background

SNRK, as known as,SNF-related serine/threonine-protein kinase, may play a role in hematopoietic cell proliferation or differentiation and a potential mediator of neuronal apoptosis.It is activated by phosphorylation on Thr-173 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.

References

Becker, W., et al., Eur. J. Biochem. 235(3):736-743 (1996).

Images



Western blot analysis of SNRK (arrow) using rabbit polyclonal SNRK Antibody (Center) (Cat. #AP7249c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SNRK gene.



SNRK Antibody (Center) (Cat. #AP7249c)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SNRK Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Sucrose non-fermenting related kinase enzyme is essential for cardiac metabolism.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.