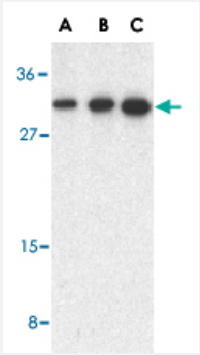
STRADB polyclonal antibody

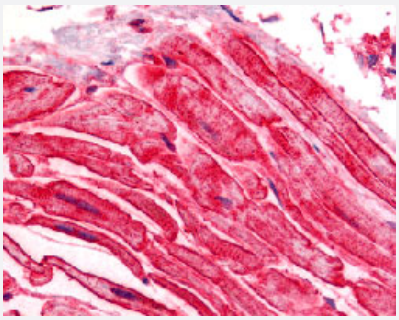
Catalog # PAB13115 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of STRADB in human heart lysate with STRADB polyclonal antibody (Cat # PAB13115) at 0.5 (lane A), 1 (lane B), and 2 (lane C) ug/mL , respectively.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of STRADB in human heart tissue with STRADB polyclonal antibody (Cat # PAB13115) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of STRADB.
Immunogen	A synthetic peptide corresponding to C-terminus of human STRADB.
Host	Rabbit
Reactivity	Human
Specificity	A 34 KDa band can be detected. Anti-ILPIP is specific to human ILPIP only.
Form	Liquid

Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis of STRADB in human heart lysate with STRADB polyclonal antibody (Cat # PAB13115) at 0.5 (lane A), 1 (lane B), and 2 (lane C) ug/mL , respectively.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry of STRADB in human heart tissue with STRADB polyclonal antibody (Cat # PAB13115) at 5 ug/mL .

Gene Info — STRADB

Entrez GeneID	55437
Protein Accession#	NP_061041
Gene Name	STRADB
Gene Alias	ALS2CR2, CALS-21, ILPIP, ILPIPA, MGC102916, PAPK, PRO1038
Gene Description	STE20-related kinase adaptor beta
Omim ID	607333
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/thre onine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. T his complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is ess ential for G1 cell cycle arrest mediated by this kinase. The protein encoded by this gene can also i nteract with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudoge nes, located on chromosomes 1 and 7, have been found for this gene. [provided by RefSeq

Other Designations	ILP-interacting protein ILPIPA|STRAD beta|amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2|pseudokinase ALS2CR2

Publication Reference

- Identification and characterization of a novel Ste20/germinal center kinase-related kinase, polyploidy-associated protein kinase.

  Nishigaki K, Thompson D, Yugawa T, Rulli K, Hanson C, Cmarik J, Gutkind JS, Teramoto H, Ruscetti S.

  The Journal of Biological Chemistry 2003 Apr; 278(15):13520.

  Application: WB-Ce, Mouse, C19, HCD57, NIH/3T3 cells

- ILPIP, a novel anti-apoptotic protein that enhances XIAP-mediated activation of JNK1 and protection against apoptosis.

  Sanna MG, da Silva Correia J, Luo Y, Chuang B, Paulson LM, Nguyen B, Deveraux QL, Ulevitch RJ.

  The Journal of Biological Chemistry 2002 Jun; 277(34):30454.

- Selective activation of JNK1 is necessary for the anti-apoptotic activity of hILP.

  Sanna MG, Duckett CS, Richter BW, Thompson CB, Ulevitch RJ.

  PNAS 1998 May; 95(11):6015.