

STRADA Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5374

Product Information

Application	IHC-P, IF, FC, WB
Primary Accession	Q7RTN6
Other Accession	Q3UUJ4 , Q4R6X5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48369
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	92335
Antigen Region	303-346
Other Names	STE20-related kinase adapter protein alpha, STRAD alpha, STE20-related adapter protein, Serologically defined breast cancer antigen NY-BR-96, STRADA, LYK5 {ECO:0000312 EMBL:AAP422801}, STRAD
Dilution	IHC-P~~1:100~500 IF~~1:25 FC~~1:25 WB~~1:1000
Target/Specificity	This STRADA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 303-346 amino acids from the C-terminal region of human STRADA.
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	STRADA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STRADA
Synonyms	LYK5 {ECO:0000312 EMBL:AAP42280.1}, STRA

Function	Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation.
Cellular Location	Nucleus. Cytoplasm

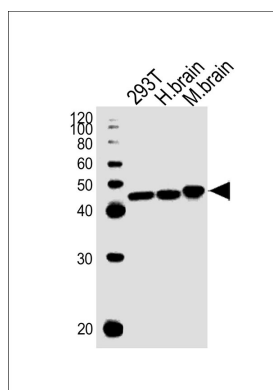
Background

Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation.

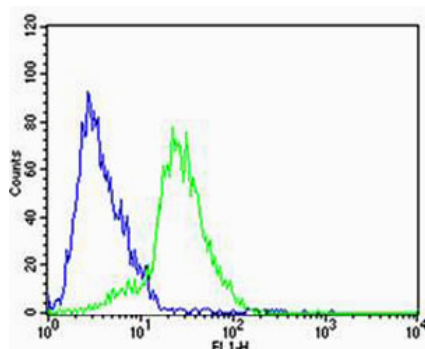
References

Scanlan M.J.,et al.Cancer Immun. 1:4-4(2001).
Shan Y.X.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:1045-1049(2006).

Images

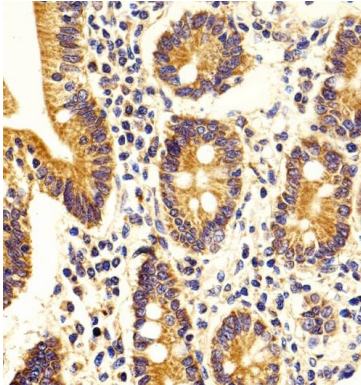
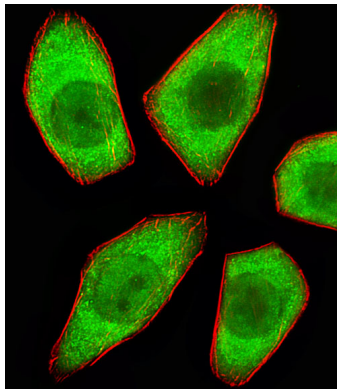


All lanes : Anti-STRADA Antibody (C-term) at 1:1000 dilution Lane 1: 293T whole cell lysates Lane 2: human brain lysates Lane 3: mouse brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

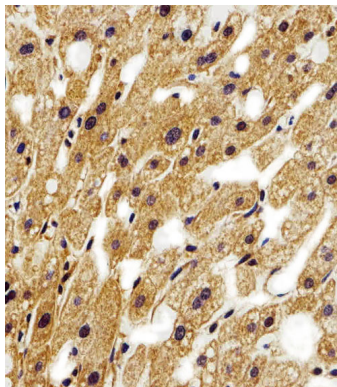


Flow cytometric analysis of SH-SY5Y cells using STRADA Antibody (C-term)(green, Cat#AW5374) compared to an isotype control of rabbit IgG(blue). AW5374 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

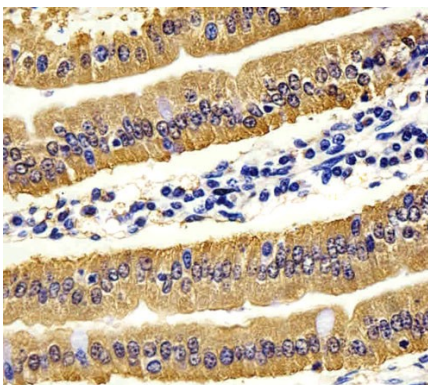
Fluorescent image of A549 cells stained with STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded H. duodenum section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

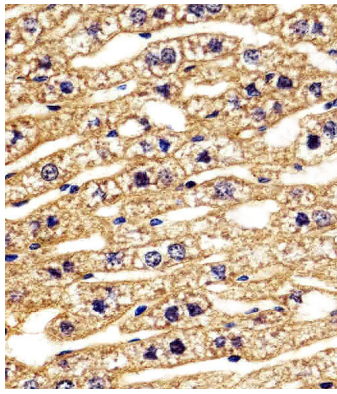


Immunohistochemical analysis of paraffin-embedded H. liver section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded M. duodenum section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Immunohistochemical analysis of paraffin-embedded M. liver section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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