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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

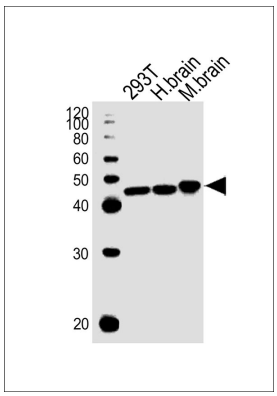
Background

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.

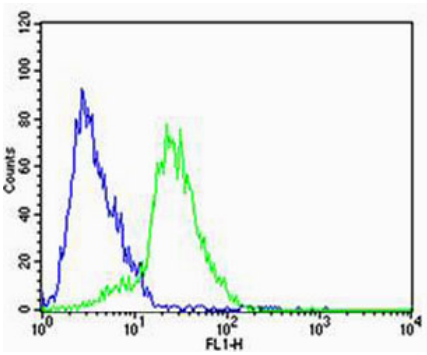
References

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

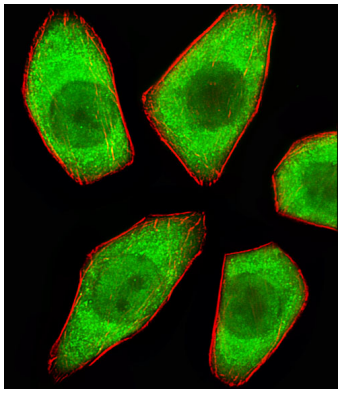


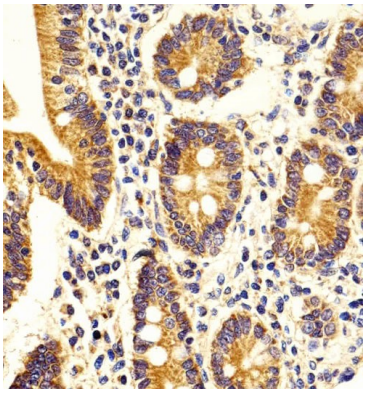
All lanes : Anti-STRADA Antibody (C-term) at 1:1000 dilution Lane 1: 293T whole cell lysates Lane 2: human brain lysates Lane 3: mouse brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa Blocking/Dilution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



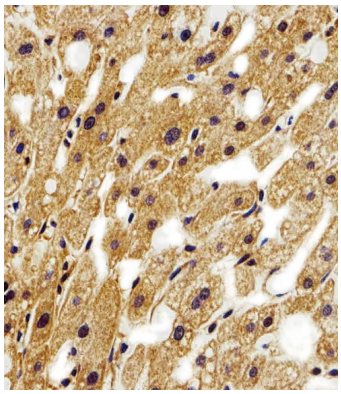
Flow cytometric analysis of SH-SY5Y cells using STRADA Antibody (C-term)(green, Cat#AW5374) compared to an isotype control of rabbit IgG(blue). AW5374 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.

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 lgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).

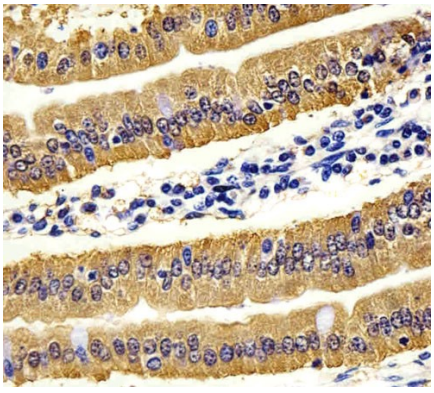




Immunohistochemical analysis of paraffin-embedded H. duodenum section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

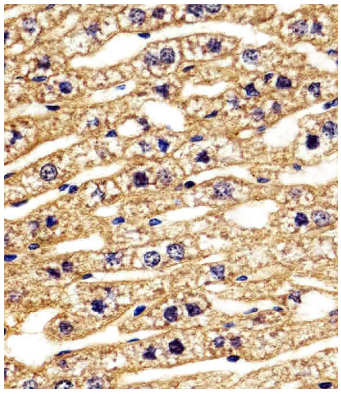


Immunohistochemical analysis of paraffin-embedded H. liver section using STRADA Antibody (C-term)(Cat#AW5374). AW5374 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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'.