

# STRADA Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP20607C

## Product Information

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<b>Application</b>	WB, IHC-P, FC, IF, E
<b>Primary Accession</b>	<a href="#">Q7RTN6</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB47810

## Additional Information

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<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 FC~~1:25 IF~~1:25 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	STRADA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

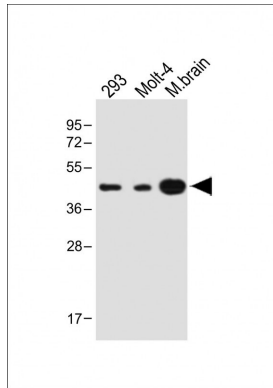
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Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational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

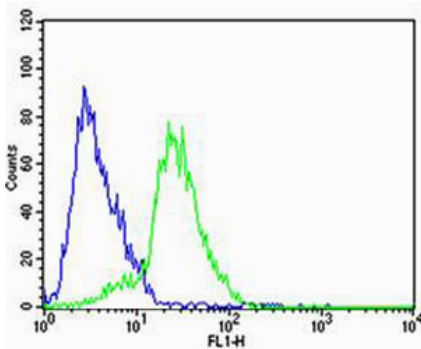
## References

- 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).

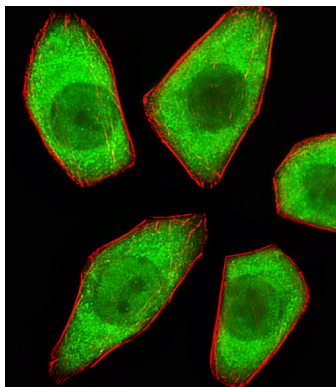
## Images



All lanes : Anti-STRADA Antibody (C-term) at 1:1000 dilution Lane 1: 293 whole cell lysate Lane 2: Molt-4 cell lysate Lane 3: Mouse brain lysate 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.

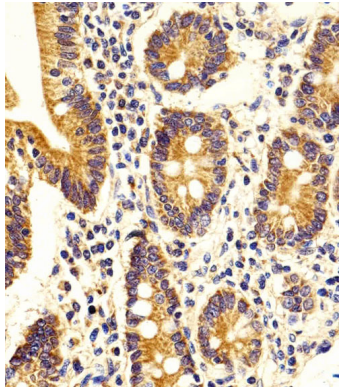


Flow cytometric analysis of SH-SY5Y cells using STRADA Antibody (C-term)(green, Cat#AP20607C) compared to an isotype control of rabbit IgG(blue). AP20607C was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Fluorescent image of A549 cells stained with STRADA Antibody (C-term)(Cat#AP20607C). AP20607C 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#AP20607C). AP20607C 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.



## Citations

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- [GSK-3 \$\beta\$  controls autophagy by modulating LKB1-AMPK pathway in prostate cancer cells.](#)

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