BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-STRADA Antibody (C-term)

Catalog Number: A01112-2

About STRADA

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.

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Overview

Product Name	Anti-STRADA Antibody (C-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-STRADA Antibody (C-term) (Catalog # A01112-2). Tested in WB, IHC-P, IF, Flow Cytometry application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q7RTN6

Technical Details

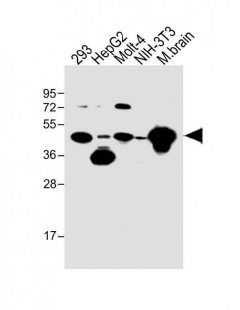
Immunogen	This STRADA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 303-346 amino acids from the C-terminal region of human STRADA.
Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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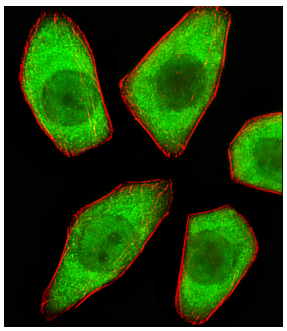
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IF: 1:25 IHC-P: 1:100 FC: 1:25

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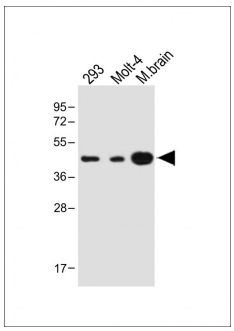
Anti-STRADA Antibody (C-term) (A01112-2) Images



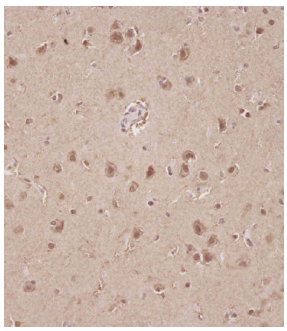
All lanes : Anti-STRADA Antibody (C-term) at 1:1000 dilutionLane 1: 293 whole cell lysateLane 2: HepG2 whole cell lysateLane 3: Molt-4 whole cell lysateLane 4: NIH/3T3 whole cell lysateLane 5: mouse brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Fluorescent image of A549 cells stained with STRADA Antibody (C-term). A01112-2 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).



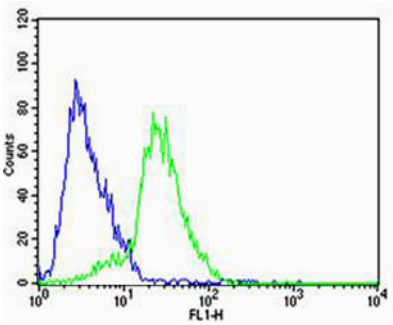
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Immunohistochemical analysis of A01112-2 on paraffin-embedded Human brain tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Flow cytometric analysis of SH-SY5Y cells using STRADA Antibody (C-term)(green, Cat#A01112-2) compared to an isotype control of rabbit IgG(blue). A01112-2 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.

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Anti-STRADA Antibody (C-term)

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