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

Anti-SRGAP2 Antibody (C-term)

Catalog Number: M05125

About SRGAP2

RAC1 GTPase activating protein (GAP) that binds and deforms membranes, and regulates actin dynamics to regulate cell migration and differentiation. Plays an important role in different aspects of neuronal morphogenesis and migration mainly during development of the cerebral cortex. This includes the biogenesis of neurites, where it is required for both axons and dendrites outgrowth, and the maturation of the dendritic spines. Also stimulates the branching of the leading process and negatively regulates neuron radial migration in the cerebral cortex. Its interaction and inhibition by SRGAP2C reduces the rate of spine maturation, alters dendritic spine morphology and density and indirectly increases neuronal migration. It may have implications for cognition, learning and memory. In non-neuronal cells, it may also play a role in cell migration by regulating the formation of lamellipodia and filopodia.

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Overview

Product Name	Anti-SRGAP2 Antibody (C-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SRGAP2 Antibody (C-term) (Catalog # M05125). Tested in WB application(s). This antibody reacts with Human, Mouse.
Application	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	O75044

Technical Details

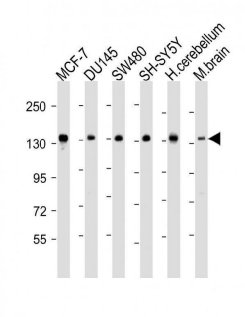
Immunogen	This SRGAP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1040-1071amino acids from the C-terminal region of human SRGAP2.

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Predicted Reactive Species	Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000

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Anti-SRGAP2 Antibody (C-term) (M05125) Images



All lanes : Anti-SRGAP2 Antibody (C-term) at 1:2000 dilutionLane 1: MCF-7 whole cell lysateLane 2: DU145 whole cell lysateLane 3: SW480 whole cell lysateLane 4: SH-SY5Y whole cell lysateLane 5: human cerebellum lysateLane 6: mouse brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 121 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-SRGAP2 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.