

Datasheet for ABIN6244085
anti-SRGAP2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	SRGAP2
Binding Specificity:	AA 1040-1071, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGAP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SRGAP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1040-1071 amino acids from the C-terminal region of human SRGAP2.
Clone:	RB53245
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SRGAP2
Alternative Name:	SRGAP2 (SRGAP2 Products)
Background:	RAC1 GTPase activating protein (GAP) that binds and deforms membranes, and regulates actin

Target Details

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.

Molecular Weight:	120871
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UniProt:	O75044
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Application Details

Application Notes:	WB: 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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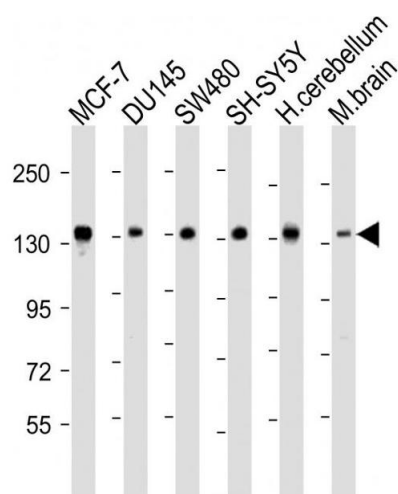
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C, -20 °C
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Expiry Date:	6 months
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Western Blotting

Image 1. All lanes : Anti-SRG Antibody (C-term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: D whole cell lysate Lane 3: S whole cell lysate Lane 4: SH-SY5Y whole cell lysate Lane 5: human cerebellum lysate Lane 6: 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 : 121 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.