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Datasheet for ABIN7119134 anti-SRGAP2 antibody



Overview	
Quantity:	100 µg
Target:	SRGAP2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRGAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	SLIT-ROBO Rho GTPase activating protein 2
lsotype:	lgG

Purity:	≥95 % as determined by SDS-PAGE

Immunogen affinity purified

Target Details

Purification:

Target:	SRGAP2
Alternative Name:	SRGAP2 (SRGAP2 Products)
Background:	Synonyms:ARHGAP34, FNBP2, Formin binding protein 2, KIAA0456, SRGAP2, srGAP3 Background: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

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Target Details

Molecular Weight:	130 kDa
	play a role in cell migration by regulating the formation of lamellipodia and filopodia.
	may have implications for cognition, learning and memory. In non-neuronal cells, it may also
	alters dendritic spine morphology and density and indirectly increases neuronal migration. It
	cerebral cortex. Its interaction and inhibition by SRGAP2C reduces the rate of spine maturation,
	branching of the leading process and negatively regulates neuron radial migration in the
	and dendrites outgrowth, and the maturation of the dendritic spines. Also stimulates the
	the cerebral cortex. This includes the biogenesis of neurites, where it is required for both axons

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Gene ID:	23380
UniProt:	075044

Application Details

Application Notes:	WB: 1:500-1:5000, IP: 1:500-1:5000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months