

## SRGAP2 antibody

### Product Information

Catalog No.:	FNab08225
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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 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.

### Immunogen information

Immunogen:	SLIT-ROBO Rho GTPase activating protein 2
Synonyms:	SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) Formin-binding protein 2 Rho GTPase-activating protein 34 SRGAP2 ARHGAP34 FNBP2 KIAA0456 SRGAP2A
Observed MW:	120-140 kDa
Uniprot ID :	O75044

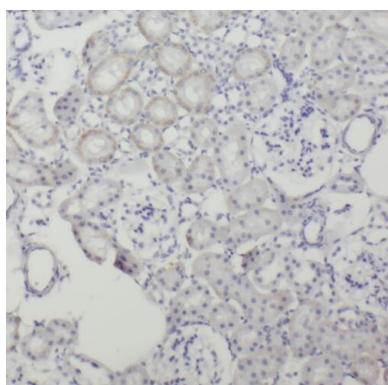
### Application

Reactivity: Human, Mouse, Rat

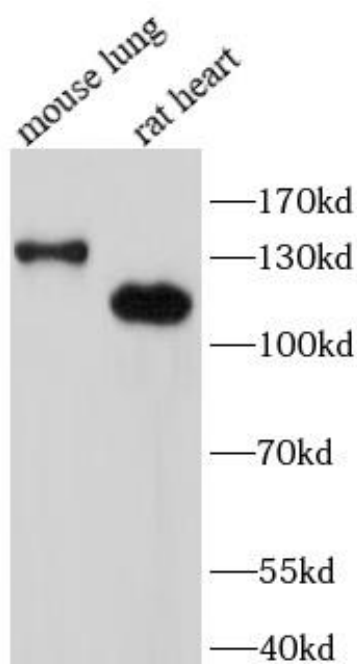
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney slide using FNab08225(SRGAP2 Antibody) at dilution of 1:50



Various lysates were subjected to SDS PAGE followed by western blot with FNab08225(SRGAP2 antibody) at dilution of 1:1000