

Datasheet for ABIN571090

**anti-SRGAP2 antibody (Internal Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	SRGAP2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	SRGAP2
Immunogen:	Peptide with sequence C-KQEDRQTPRSPDST, from the internal region of the protein sequence according to NP_056141.2.
Sequence:	KQEDRQTPRS PDST
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_056141.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

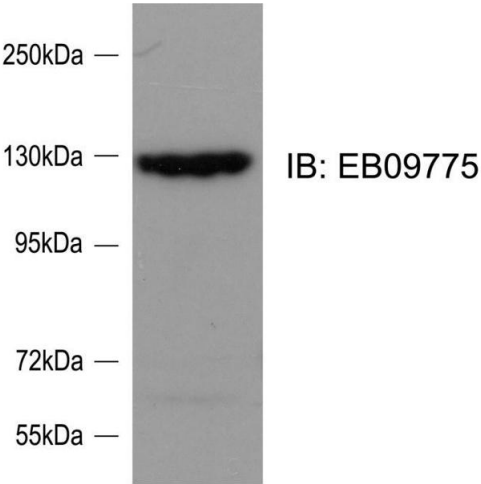
Target:	SRGAP2
Alternative Name:	SRGAP2 ( <a href="#">SRGAP2 Products</a> )
Background:	SRGAP2, SLIT-ROBO Rho GTPase activating protein 2, FNBP2, KIAA0456, srGAP3, formin binding protein 2
Gene ID:	23380, 14270, 360840
NCBI Accession:	<a href="#">NP_056141</a>

## Application Details

Application Notes:	Western Blot: Approx 124 kDa band observed in lysates of cell line HeLa and in rat primary culture cortical neurons at Day 4 (calculated MW of 121 kDa according to human NP_056141.2 but the rat protein sequence is still provisional). Recommended concentration: 1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	<b>Immunofluorescence:</b> Transfected HEK293 transiently expressing GFP-tagged Human srGAP2 with the primary antibody stained in the red channel (Confocal IF).
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571090 (0.1µg/ml) staining of Rat Cortical Neuron lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data kindly provided by Ms. Ya-Jing Mi and Dr.Wei-Lin Jin, Institute of Neurosciences, Shanghai Jiao Ton