

## ARHGEF7 antibody

### Product Information

Catalog No.:	FNab00564
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

Acts as a RAC1 guanine nucleotide exchange factor(GEF) and can induce membrane ruffling. Functions in cell migration, attachment and cell spreading. Promotes targeting of RAC1 to focal adhesions(By similarity). May function as a positive regulator of apoptosis. Downstream of NMDA receptors and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.

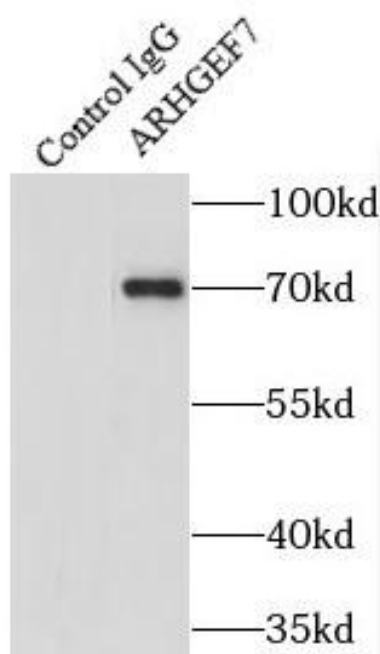
### Immunogen information

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 7
Synonyms:	Rho guanine nucleotide exchange factor 7 Beta-Pix COOL-1 PAK-interacting exchange factor beta p85 ARHGEF7 COOL1 KIAA0142 P85SPR PAK3BP PIXB
Observed MW:	70 kDa
Uniprot ID :	Q14155

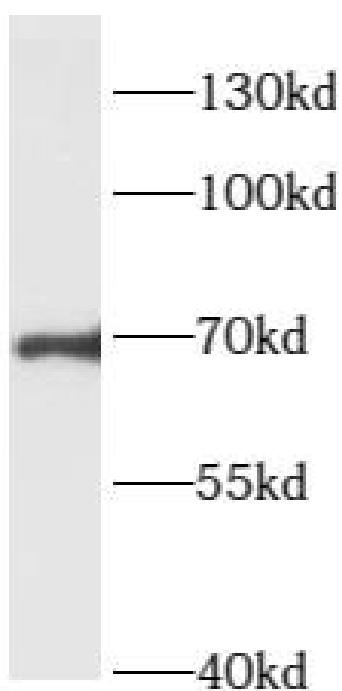
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IP, WB
Recommended dilution:	WB: 1:1000-1:4000; IP: 1:500-1:2000

Image:



IP Result of anti-ARHGEF7 (IP:FNab00564, 4ug;  
Detection:FNab00564 1:1000) with HeLa cells  
lysate 1200ug.



PC-12 cells were subjected to SDS PAGE  
followed by western blot with FNab00564  
(ARHGEF7 antibody) at dilution of 1:2000