

## anti- ARHGEF4 antibody

### Product Information

Catalog No.:	FNab00562
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 guanine nucleotide exchange factor(GEF) for RHOA, RAC1 and CDC42 GTPases. Binding of APC may activate RAC1 GEF activity. The APC-ARHGEF4 complex seems to be involved in cell migration as well as in E-cadherin-mediated cell-cell adhesion. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Involved in tumor angiogenesis and may play a role in intestinal adenoma formation and tumor progression.

### Immunogen information

Immunogen:	Rho guanine nucleotide exchange factor(GEF) 4
Synonyms:	KIAA1112
Observed MW:	72 kDa
UniprotID :	Q9NR80

### Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, IHC, WB
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

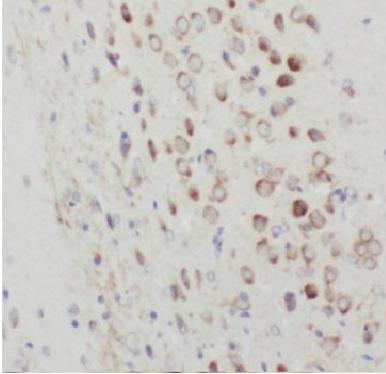
### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

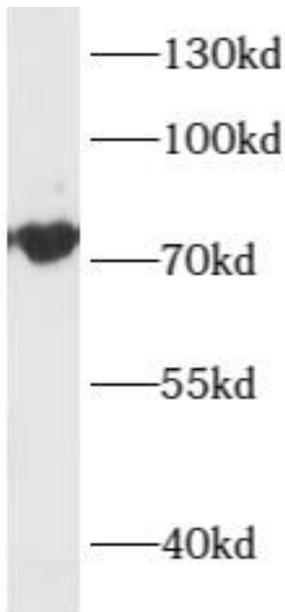
Tel : (0086)027-87384275

Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Image:



Immunohistochemistry of paraffin-embedded human brain tissue slide using FNab00562(ARHGEF4 Antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00562(ARHGEF4 Antibody) at dilution of 1:1000

**Wuhan Fine Biotech Co., Ltd.**

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)