

ARHGEF5 antibody

Product Information

Catalog No.:	FNab00563
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

Guanine nucleotide exchange factor which activates Rho GTPases(PubMed:15601624). Strongly activates RHOA(PubMed:15601624). Also strongly activates RHOB, weakly activates RHOC and RHOG and shows no effect on RHOD, RHOV, RHOQ or RAC1(By similarity). Involved in regulation of cell shape and actin cytoskeletal organization(PubMed:15601624). Plays a role in actin organization by generating a loss of actin stress fibers and the formation of membrane ruffles and filopodia(PubMed:14662653). Required for SRC-induced podosome formation(By similarity). Involved in positive regulation of immature dendritic cell migration(By similarity).

Immunogen information

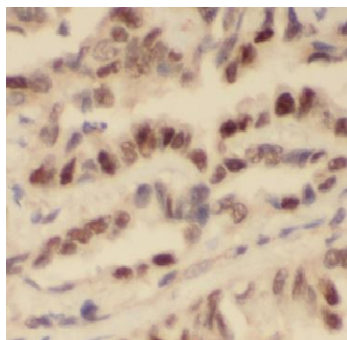
Immunogen:	Rho guanine nucleotide exchange factor(GEF) 5
Synonyms:	Rho guanine nucleotide exchange factor 5 Ephexin-3 Guanine nucleotide regulatory protein TIM Oncogene TIM Transforming immortalized mammary oncogene p60 TIM ARHGEF5 TIM
Observed MW:	60 kDa
Uniprot ID :	Q12774

Application

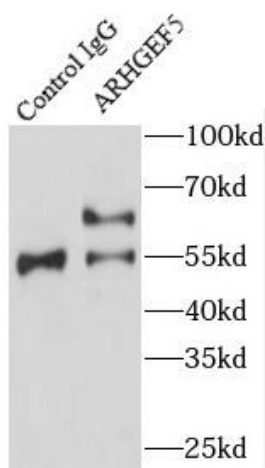
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

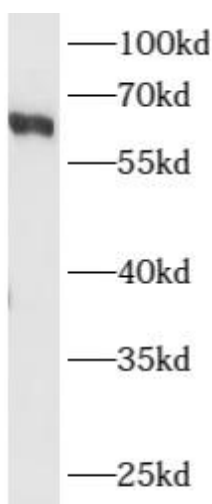
Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab00563(ARHGEF5 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-ARHGEF5 (IP:FNab00563, 4ug; Detection:FNab00563 1:500) with mouse kidney tissue lysate 4000ug.



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab00563(ARHGEF5 antibody) at dilution of 1:500