

## anti- DOCK7 antibody

### Product Information

Catalog No.:	FNab02497
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

Functions as a guanine nucleotide exchange factor(GEF), which activates Rac 1 and Rac3 Rho small GTPases by exchanging bound GDP for free GTP. Does not have a GEF activity for CDC42. Required for STMN1 'Ser-15' phosphorylation during axon formation and consequently for neuronal polarization(PubMed:16982419). Has a role in pigmentation(By similarity). Involved in the regulation of cortical neurogenesis through the control of radial glial cells(RGCs) proliferation versus differentiation; negatively regulates the basal-to-apical interkinetic nuclear migration of RGCs by antagonizing the microtubule growth-promoting function of TACC3(By similarity).Multiple isoforms of DOCK 7 exist due to alternative splicing events. This DOCK 7 antibody can recognize all the isoforms.

### Immunogen information

Immunogen:	dedicator of cytokinesis 7
Synonyms:	dedicator of cytokinesis 7, DOCK7, KIAA1771, ZIR2
Observed MW:	240 kDa
Uniprot ID :	Q96N67

### Application

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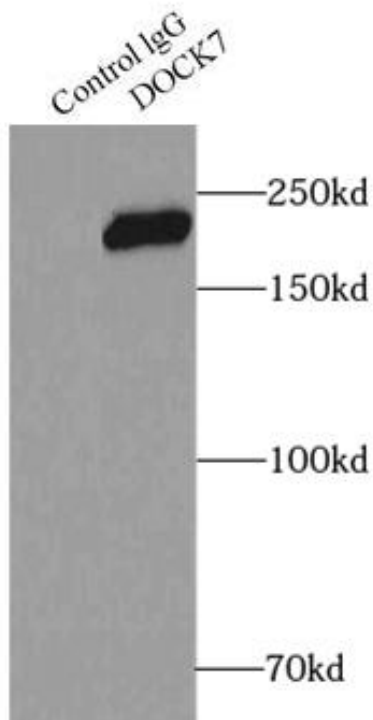
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IP

Recommended dilution: WB: 1:200-1:1000; IP: 1:500-1:1000

Image:



IP Result of anti-DOCK7 (IP: FNab02497, 3ug;  
Detection: FNab02497 1:500) with mouse brain  
tissue lysate 8000ug.

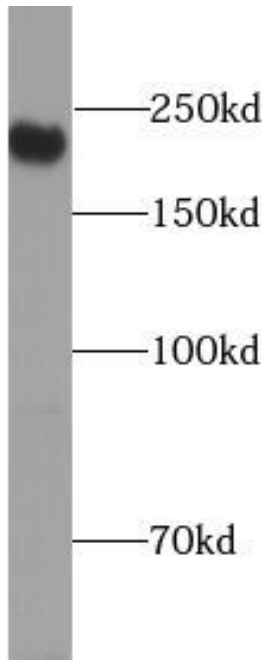
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mosue brain tissue were subjected to SDS PAGE followed by western blot with FNab02497(DOCK7 antibody) at dilution of 1:400