

DOCK7 antibody

Product Information

Catalog No ·	FNab02497
Cutulog 110	1111002197
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 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 Rac1 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 protein 7 DOCK7 KIAA1771
Observed MW:	240 kDa
Uniprot ID :	Q96N67

Application

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



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

