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## Datasheet for ABIN7113381 **anti-DOCK7 antibody**

### Overview

Quantity:	100 µg
Target:	DOCK7
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOCK7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Immunogen:	dedicator of cytokinesis 7
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	DOCK7
Alternative Name:	DOCK7 ( <a href="#">DOCK7 Products</a> )
Background:	Synonyms:dedicator of cytokinesis 7, DOCK7, KIAA1771, ZIR2 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

## Target Details

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.

Molecular Weight: 240 kDa

Gene ID: 85440

UniProt: [Q96N67](#)

## Application Details

Application Notes: WB: 1:200-1:1000, IP: 1:500-1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months