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Datasheet for ABIN1393545

## anti-DOCK7 antibody (AA 1401-1500) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	DOCK7
Binding Specificity:	AA 1401-1500
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOCK7 antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DOCK7
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	DOCK7
Alternative Name:	DOCK7 ( <a href="#">DOCK7 Products</a> )

## Target Details

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**Background:** Synonyms: dedicator of cytokinesis 7, Dedicator of cytokinesis protein 7, Gm430, KIAA1771 , MGC189434, mKIAA1771, RP23 329P19.2, ZIR2, DOCK7\_HUMAN.

Background: DOCK 7 is a 2,140 amino acid protein that localizes to developing axons and contains one DHR-1 domain and one DHR-2 domain. Expressed in a variety of tissues, DOCK 7 functions as a guanine nucleotide exchange factor (GEF) that specifically activates Rac 1 and Rac 3 by catalyzing the exchange of bound GDP for free GTP. Multiple isoforms of DOCK 7 exist due to alternative splicing events.

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**Gene ID:** 85440

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**UniProt:** [Q96N67](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months