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Datasheet for ABIN2812479

**anti-DOCK7 antibody (AA 1401-1500) (Alexa Fluor 594)**

## 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 594  |
| 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

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.

Gene ID: 85440

UniProt: [Q96N67](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

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

Storage: -20 °C

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

Expiry Date: 12 months