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Datasheet for ABIN894240

## anti-DOCK1 antibody (AA 465-550) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	DOCK1
Binding Specificity:	AA 465-550
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOCK1 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 DOCK1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	DOCK1
Alternative Name:	DOCK1 ( <a href="#">DOCK1 Products</a> )

## Target Details

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**Background:** Synonyms: 180 kDa protein downstream of CRK, Ced5, Dedicator of Cytokinesis 1, Dedicator of cytokinesis protein 1, DOCK 1, DOCK-1, DOCK 180, DOCK1, DOCK1\_HUMAN, DOCK180.  
Background: Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1. Tissue specificity: Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon.

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**Gene ID:** 1793

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**Pathways:** [Signaling of Hepatocyte Growth Factor Receptor](#)

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## 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

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## 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

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