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Datasheet for ABIN5001421

anti-DOCK1 antibody (AA 465-550) (Alexa Fluor 750)

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 750
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 (DOCK1 Products)

Target Details

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.

Gene ID: 1793

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

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