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Anti-DOCK1 Antibody
Catalog # AP54039

Specification

Anti-DOCK1 Antibody - Product Information

Application	**WB**
Primary Accession	Q14185
Reactivity	**Human, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**215346**

Anti-DOCK1 Antibody - Additional Information

Gene ID 1793

Other Names
Dedicator of cytokinesis protein 1; 180 kDa protein downstream of CRK; DOCK180

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DOCK1. The exact sequence is proprietary.

Dilution
WB~~1/500 - 1/1000

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-DOCK1 Antibody - Protein Information

Name DOCK1

Function
Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Along with DOCK1, mediates CRK/CRKL regulation of epithelial and endothelial cell spreading and migration on type IV collagen (PubMed:19004829). 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 (PubMed:8657152).

Cellular Location
Cytoplasm. Membrane. Note=Recruited to membranes via its interaction with phosphatidylinositol

3,4,5-trisphosphate.

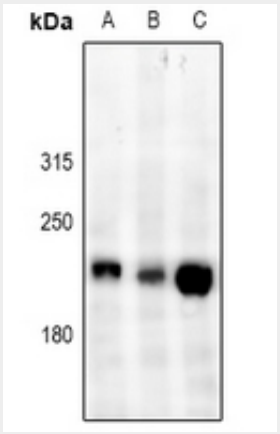
Tissue Location
Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon

Anti-DOCK1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-DOCK1 Antibody - Images



Western blot analysis of DOCK1 expression in MCF7 (A), H1792 (B), C6 (C) whole cell lysates.

Anti-DOCK1 Antibody - Background

Rabbit polyclonal antibody to DOCK1