

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

Recognizes endogenous levels of DOCK1 protein.

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.

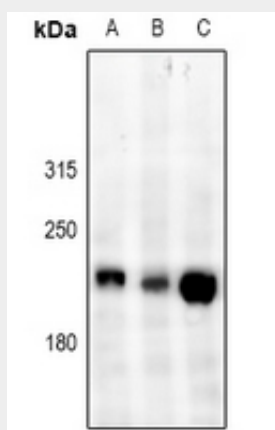
Tissue Location

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 Cytometry](#)
- [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