

Anti-DOCK2 Antibody
Rabbit polyclonal antibody to DOCK2
Catalog # AP61210

Specification

Anti-DOCK2 Antibody - Product Information

Application	WB
Primary Accession	O92608
Other Accession	O8C3J5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	211948

Anti-DOCK2 Antibody - Additional Information

Gene ID 1794

Other Names
KIAA0209; Deducator of cytokinesis protein 2

Target/Specificity
Recognizes endogenous levels of DOCK2 protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

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-DOCK2 Antibody - Protein Information

Name DOCK2

Synonyms KIAA0209

Function
Involved in cytoskeletal rearrangements required for lymphocyte migration in response of chemokines. Activates RAC1 and RAC2, but not CDC42, by functioning as a guanine nucleotide exchange factor (GEF), which exchanges bound GDP for free GTP. May also participate in IL2 transcriptional activation via the activation of RAC2.

Cellular Location
Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton. Note=Colocalizes

with F-actin

Tissue Location

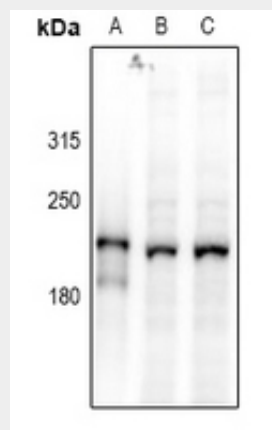
Specifically expressed in hematopoietic cells. Highly expressed in peripheral blood leukocytes, and expressed at intermediate level in thymus and spleen. Expressed at very low level in the small intestine and colon.

Anti-DOCK2 Antibody - Protocols

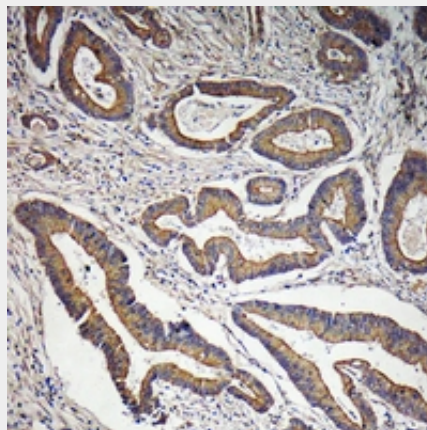
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DOCK2 Antibody - Images



Western blot analysis of DOCK2 expression in rat thymus (A), Myla2059 (B), K562 (C) whole cell lysates.



Immunohistochemical analysis of DOCK2 staining in human colon cancer formalin fixed paraffin

embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-DOCK2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DOCK2. The exact sequence is proprietary.