10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DOCK2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5432

Specification

DOCK2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q92608
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=212;M=212 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

DOCK2 Antibody (C-term) - Additional Information

Gene ID 1794

Antigen Region
1812-1846

Other Names
Dedicator of cytokinesis protein 2, DOCK2, KIAA0209

Dilution
WB~~1:1000

Target/Specificity
This DOCK2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1812-1846 amino acids from the C-terminal region of human DOCK2.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DOCK2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DOCK2 Antibody (C-term) - Protein Information

Name DOCK2

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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

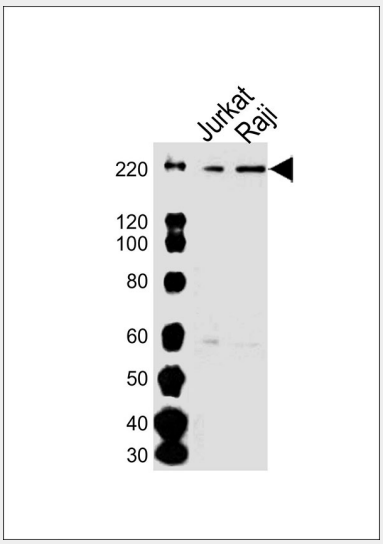
Tissue Location
Specifically expressed in hematopoietic cells. Highly expressed in peripheral blood leukocytes, and expressed at intermediate level in thymus and spleen. Expressed at very low level in the small intestine and colon.

DOCK2 Antibody (C-term) - 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

DOCK2 Antibody (C-term) - Images



All lanes : Anti-DOCK2 Antibody (C-term) at 1:1000 dilution Lane 1: Jurkat whole cell lysates Lane 2: Raji whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 212 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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DOCK2 Antibody (C-term) - References

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Nishihara H.,et al.Biochim. Biophys. Acta 1452:179-187(1999).
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