

# DOCK2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21150a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q92608</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51734
<b>Calculated MW</b>	211948

## Additional Information

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<b>Gene ID</b>	1794
<b>Other Names</b>	Dedicator of cytokinesis protein 2, DOCK2, KIAA0209
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	DOCK2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DOCK2
<b>Synonyms</b>	KIAA0209
<b>Function</b>	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.

## Background

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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.

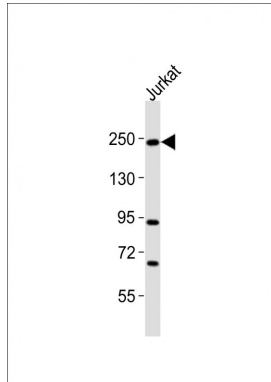
## References

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

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Anti-DOCK2 Antibody (C-term)at 1:2000 dilution + Jurkat 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.