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DOCK2 Rabbit mAb

Catalog # AP78417

Product Information

Application	WB, IHC-P
Primary Accession	Q92608
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human DOCK2
Purification	Affinity Purified
Calculated MW	211948

Additional Information

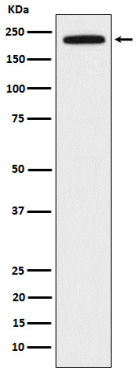
Gene ID	1794
Other Names	DOCK2
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	DOCK2
Synonyms	KIAA0209
Function	Guanine nucleotide exchange factor (GEF) that activates monomeric GTPases by catalysing the release of bound GDP in exchange for free GTP (PubMed:32651375). Activates RAC1 and RAC2, but not CDC42 (PubMed:21613211, PubMed:32651375). Involved in cytoskeletal rearrangements required for lymphocyte migration in response of chemokines (PubMed:21613211). May also participate in IL2 transcriptional activation via the activation of RAC2 (PubMed:21613211).
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.

Images



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