

产品名称: DOCK 2 Rabbit Polyclonal Antibody
产品货号: APRab10101



产品概述 (Summary)

产品名称 (Production Name)	DOCK 2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DOCK2
别名 (Alternative Names)	DOCK2; KIAA0209; Dedicator of cytokinesis protein 2
基因 ID (Gene ID)	1794.0
蛋白 ID (SwissProt ID)	Q92608.Synthesized peptide derived from the Internal region of human DOCK 2.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

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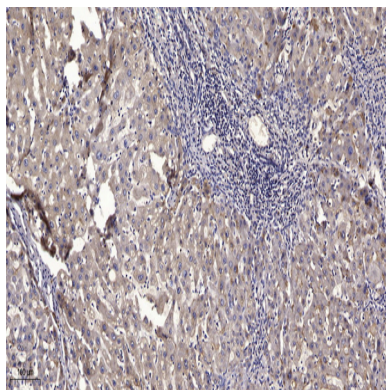


The protein encoded by this gene belongs to the CDM protein family. It is specifically expressed in hematopoietic cells and is predominantly expressed in peripheral blood leukocytes. The protein is involved in remodeling of the actin cytoskeleton required for lymphocyte migration in response to chemokine signaling. It activates members of the Rho family of GTPases, for example RAC1 and RAC2, by acting as a guanine nucleotide exchange factor (GEF) to exchange bound GDP for free GTP. [provided by RefSeq, Oct 2016],domain:The DHR-2 domain may mediate the GEF activity.,function:Involved in cytoskeletal rearrangements required for lymphocyte migration in response of chemokines. Activates RAC1 and RAC2 small GTPases, probably 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.,similarity:Belongs to the DOCK family.,similarity:Contains 1 DHR-1 (CZH-1) domain.,similarity:Contains 1 DHR-2 (CZH-2) domain.,similarity:Contains 1 SH3 domain.,subcellular location:Colocalizes with F-actin.,subunit:Interacts with RAC1 and RAC2. Interacts with CRKL and VAV. Interacts with CD3Z.,tissue specificity: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.,

研究领域 (Research Area)

Chemokine;Fc gamma R-mediated phagocytosis;

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4° overnight) .
2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .