

产品名称: DOCK 180 Rabbit Polyclonal Antibody
产品货号: APRab10100



产品概述 (Summary)

产品名称 (Production Name)	DOCK 180 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	DOCK1
别名 (Alternative Names)	DOCK1; Dedicator of cytokinesis protein 1; 180 kDa protein downstream of CRK; DOCK180
基因 ID (Gene ID)	1793.0
蛋白 ID (SwissProt ID)	Q14185.The antiserum was produced against synthesized peptide derived from human DOCK1. AA range:1661-1710

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	215kDa

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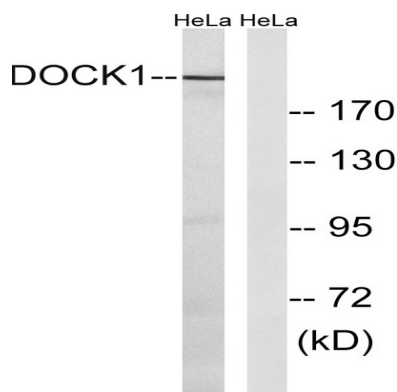
研究背景 (Background)

This gene encodes a member of the dedicator of cytokinesis protein family. Dedicator of cytokinesis proteins act as guanine nucleotide exchange factors for small Rho family G proteins. The encoded protein regulates the small GTPase Rac, thereby influencing several biological processes, including phagocytosis and cell migration. Overexpression of this gene has also been associated with certain cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014],domain:The DHR-2 domain is necessary and sufficient for the GEF activity.,function:Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1.,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:Recruited to membranes via its interaction with phosphatidylinositol 3,4,5-triphosphate.,subunit:Interacts with the SH3 domains of CRK and NCK2 via multiple sites. Interacts with nucleotide-free RAC1 via its DHR-2 domain. Interacts with ELMO1, ELMO2 and probably ELMO3 via its SH3 domain. Interacts with RAC1 and BAI1.,tissue specificity:Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon.,

研究领域 (Research Area)

Focal adhesion;Regulates Actin and Cytoskeleton;

图片 (Image Data)



注意事项 (Note)

For research use only .