

产品名称: Dok-5 Rabbit Polyclonal Antibody
产品货号: APRab10109



产品概述 (Summary)

产品名称 (Production Name)	Dok-5 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)	DOK5
别名 (Alternative Names)	DOK5; C20orf180; Docking protein 5; Downstream of tyrosine kinase 5; Insulin receptor substrate 6; IRS-6; IRS6
基因 ID (Gene ID)	55816.0
蛋白 ID (SwissProt ID)	Q9P104.The antiserum was produced against synthesized peptide derived from human DOK5. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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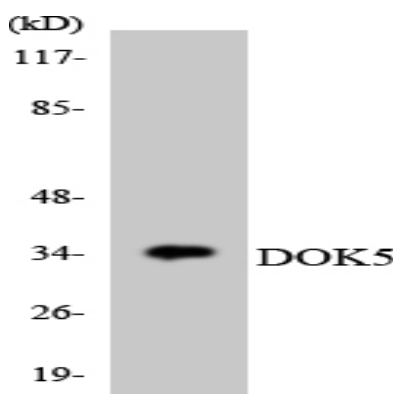


研究背景 (Background)

docking protein 5(DOK5) Homo sapiens The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. Unlike other DOK family proteins, this protein does not interact with RASGAP. This protein is up-regulated in patients with systemic sclerosis and is associated with fibrosis induced by insulin-like growth factor binding protein 5. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2014],domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation.,PTM:Phosphorylated on tyrosine residues in response to insulin, IGF1 and GDNF.,similarity:Belongs to the DOK family. Type B subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:Interacts with phosphorylated RET. In contrast to other DOK proteins, it does not interact with RASGAP.,tissue specificity:Highest expression in skeletal muscle, lower in brain, heart and kidney. Also detected in activated peripheral blood T-lymphocytes.,

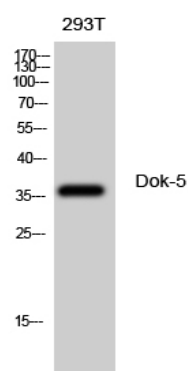
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of the lysates from HT-29 cells using DOK5 antibody.

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Western Blot analysis of 293T cells using Dok-5 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .