

产品名称: Fucokinase Rabbit Polyclonal Antibody
产品货号: APRab11181



产品概述 (Summary)

产品名称 (Production Name)	Fucokinase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Monkey

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)	FUK
别名 (Alternative Names)	FUK; L-fucose kinase; Fucokinase
基因 ID (Gene ID)	197258.0
蛋白 ID (SwissProt ID)	Q8N0W3. The antiserum was produced against synthesized peptide derived from human FUK. AA range: 11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	110kDa

研究背景 (Background)

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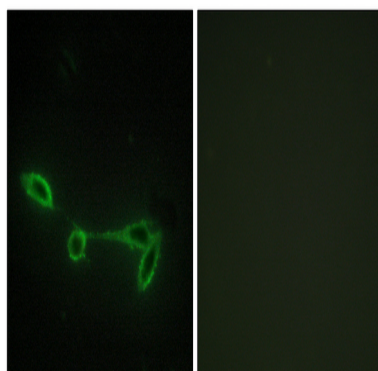


fucokinase(FUK) Homo sapiens The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq, Jul 2008],catalytic activity:ATP + L-fucose = ADP + beta-L-fucose 1-phosphate.,function:Takes part in the salvage pathway for reutilization of fucose from the degradation of oligosaccharides.,similarity:Belongs to the GHMP kinase family.,

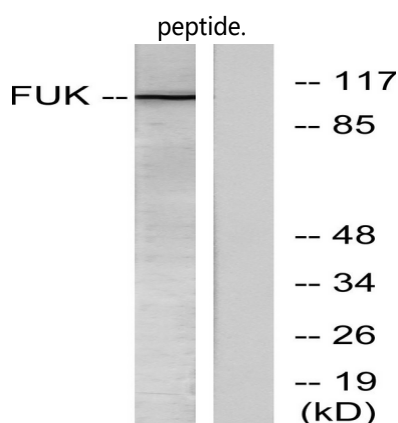
研究领域 (Research Area)

Fructose and mannose metabolism;Amino sugar and nucleotide sugar metabolism;

图片 (Image Data)



Immunofluorescence analysis of NIH/3T3 cells, using FUK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, treated with insulin 0.01U/ml 45', using FUK Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Fucokinase Polyclonal Antibody

注意事项 (Note)

For research use only .