



Fucokinase rabbit pAb

Cat No.:ES2379

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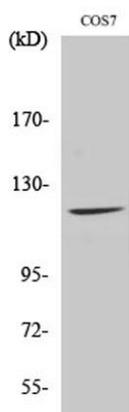
Overview

Product Name	Fucokinase rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FUK. AA range:11-60
Specificity	Fucokinase Polyclonal Antibody detects endogenous levels of Fucokinase protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	L-fucose kinase
Gene Name	FUK
Cellular localization	cytoplasm,cytosol,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	110kD
Human Gene ID	197258
Human Swiss-Prot Number	Q8NOW3
Alternative Names	FUK; L-fucose kinase; Fucokinase
Background	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



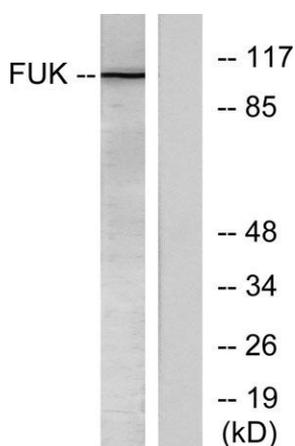
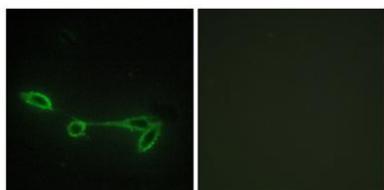


glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Fucokinase Polyclonal Antibody

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.

