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Anti-FUK Antibody

Rabbit polyclonal antibody to FUK
Catalog # AP60842

Product Information

Application	WB, IF/IC
Primary Accession	Q8N0W3
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117623

Additional Information

Gene ID	197258
Other Names	L-fucose kinase; Fucokinase
Target/Specificity	Recognizes endogenous levels of FUK protein.
Dilution	WB~~WB (1/500 - 1/2000), IF/IC (1/50 - 1/100) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

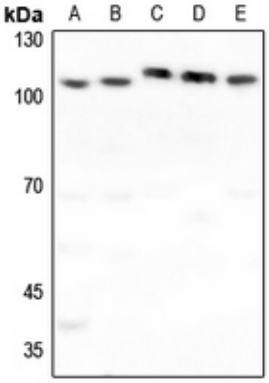
Name	FCSK (HGNC:29500)
Function	Takes part in the salvage pathway for reutilization of fucose from the degradation of oligosaccharides.
Tissue Location	Expressed in fibroblasts.

Background

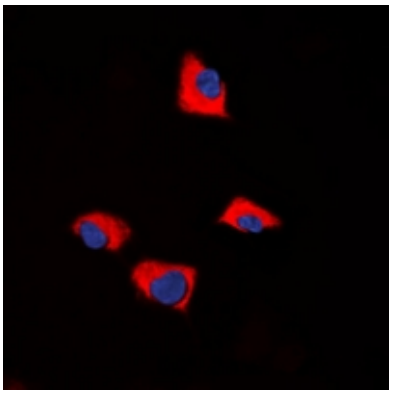
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FUK. The exact sequence is proprietary.

Images

Western blot analysis of FUK expression in Hela (A), A549



(B), mouse lung (C), mouse kidney (D), rat lung (E) whole cell lysates.



Immunofluorescent analysis of FUK staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).