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Anti-FUK Antibody

Catalog # AP60842

Product Information

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

Additional Information

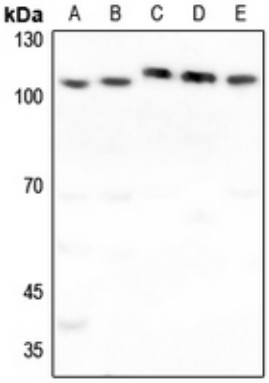
Gene ID	197258
Other Names	L-fucose kinase; Fucokinase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FUK. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000), IF/IC (1/50 - 1/100) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

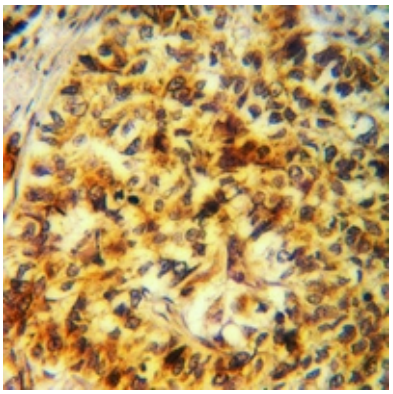
Protein Information

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.

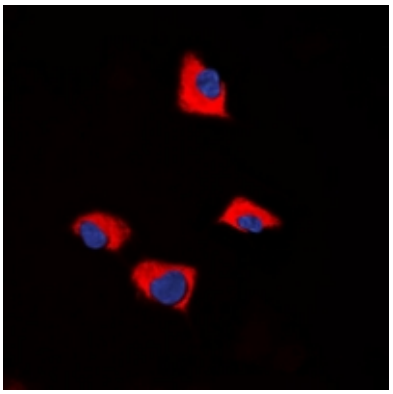
Images

Western blot analysis of FUK expression in Hela (A), A549 (B), mouse lung (C), mouse kidney (D), rat lung (E) whole cell lysates. (Predicted band size: 117 kD; Observed band size: 118 kD)





Immunohistochemical analysis of FUK staining in human stomach cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.