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Anti-FUK Antibody
Rabbit polyclonal antibody to FUK
Catalog # AP60842

Specification

Anti-FUK Antibody - Product Information

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

Anti-FUK Antibody - 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

Anti-FUK Antibody - 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.

Anti-FUK Antibody - Protocols

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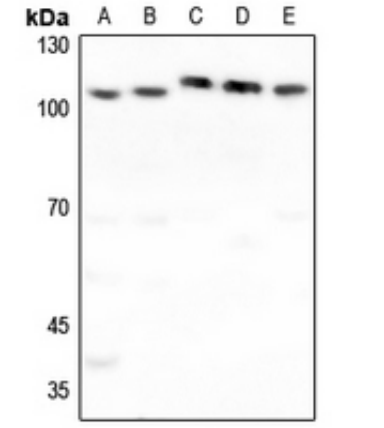
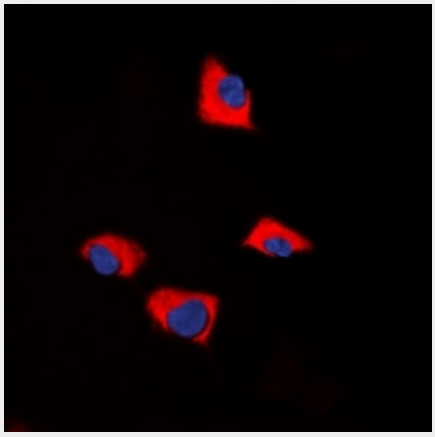
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-FUK Antibody - 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).

Anti-FUK Antibody - Background

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