

## anti-Human, Mouse FUK Antibody | anti-FUK antibody

FUK Antibody

|                               |                                   |                                                                |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA110188</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|

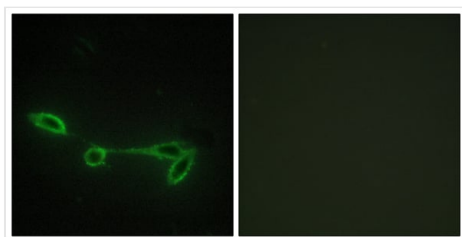
### PRODUCT SYNONYMS

FUK; FUK Antibody; L-fucose kinase; EC 2.7.1.52; Fucokinase; anti-FUK antibody

### PRODUCT SPECIFICATIONS

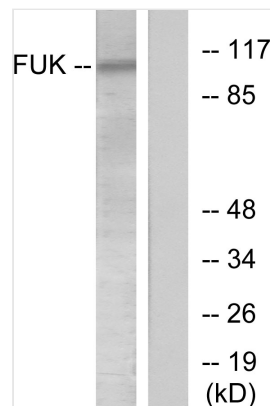
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse                                                                                                   |
| Specificity                                   | FUK antibody detects endogenous levels of total FUK protein.                                                   |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                   | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                               | 1084                                                                                                           |
| Applicable Applications for anti-FUK antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                              |
| Immunogen                                     | The antiserum was produced against synthesized peptide derived from internal of human FUK.                     |
| Preparation and Storage                       | Store at -20 degree C for 1 year.                                                                              |

### IMAGES



#### WB (Western Blot)

Peptide- Western blot analysis of extracts from COS-7 cells, treated with insulin (0.01U/ml, 45mins), using FUK antibody. Immunofluorescence analysis of NIH/3T3 cells, using FUK antibody.



Application Data

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-FUK antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                      | Hinderlich S., Biochem. Biophys. Res. Commun. 294:650-654(2002). Ota T., Nat. Genet. 36:40-45(2004). The MGC Project Team, Genome Res. 14:2121-2127(2004).                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 63175654                               |
| NCBI GeneID                      | 197258                                 |
| NCBI Accession #                 | NP_659496.2                            |
| NCBI GenBank Nucleotide #        | NM_145059.2                            |
| UniProt Accession #              | Q8NOW3; Q5PSM3; Q5XKL6; Q6ZRA0; Q96MT9 |
| Molecular Weight                 | 118,393 Da                             |
| NCBI Official Full Name          | L-fucose kinase                        |
| NCBI Official Synonym Full Names | fucokinase                             |
| NCBI Official Symbol             | FUK                                    |
| NCBI Official Synonym Symbols    | 1110046B12Rik                          |
| NCBI Protein Information         | L-fucose kinase                        |
| UniProt Protein Name             | L-fucose kinase                        |
| UniProt Gene Name                | <b>FUK</b>                             |
| UniProt Synonym Gene Names       | Fucokinase                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/fuk/110188>