

A17268

Leader in Biomolecular Solutions for Life Science



# FUK Rabbit pAb

Catalog No.: A17268

## Basic Information

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### Observed MW

117kDa

### Calculated MW

118kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Mouse

## Background

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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.

## Recommended Dilutions

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WB 1:500 - 1:2000

## Immunogen Information

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### Gene ID

197258

### Swiss Prot

Q8N0W3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 795-1084 of human FUK (NP\_659496.2).

### Synonyms

FUK; CDGF2; 1110046B12Rik

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

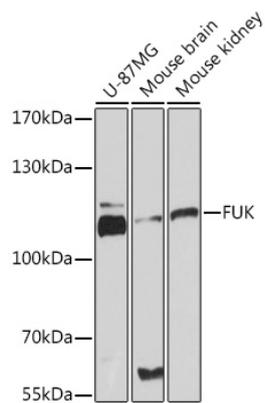
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of various lysates using FUK Rabbit pAb (A17268) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.