SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FUK antibody

Catalog Number: SL16193R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FUK
Immunogen:	KLH conjugated synthetic peptide derived from human FUK: 1-100/1084
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Horse)
Predicted MW.:	118kDa
Subcellular Location:	cytoplasmic
Background:	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 metastatis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq, Jul 2008] **Function:** Takes part in the salvage pathway for reutilization of fucose from the degradation of oligosaccharides. **Similarity:** Belongs to the GHMP kinase family. **Database links:** **Entrez Gene:** 197258 Human **Entrez Gene:** 234730 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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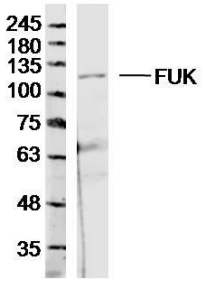
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	Omim: 608675 Human **SwissProt:** Q8N0W3 Human **Unigene:** 7907 Human

[VALIDATION IMAGES]



Sample: lovo (human)cell Lysate at 40 ug
Primary: Anti- FUK (SL16193R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 118 kD
Observed band size: 118 kD

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