SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-SHFM3/Cy3 Conjugated antibody

Catalog Number: SL8390R-Cy3

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-SHFM3/Cy3
Immunogen:	KLH conjugated synthetic peptide derived from human SHFM3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse)
Background:	background: Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation. Likely to be involved in key signaling pathways crucial for normal limb development. May participate in Wnt signaling. Involvement in disease:Defects in FBXW4 are a cause of split-hand/foot malformation type 3 (SHFM3) . SHFM3 is an autosomal dominant disorder characterized by hypoplasia/aplasia of the central digits with fusion of the remaining digits. **Function:** Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation. Likely to be involved in key signaling pathways crucial for normal limb development. May participate in Wnt signaling. **Subunit:** Part of a SCF (SKP1-cullin-F-box) protein ligase complex (By similarity). **Subcellular Location:** Expressed in brain, kidney, lung and liver. **Tissue Specificity:** Expressed in brain, kidney, lung and liver.

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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	DISEASE: Defects in FBXW4 are a cause of split-hand/foot malformation type 3 (SHFM3) [MIM:246560]. SHFM3 is an autosomal dominant disorder characterized by hypoplasia/aplasia of the central digits with fusion of the remaining digits. **Similarity:** Contains 1 F-box domain. Contains 4 WD repeats. **Database links:** **Entrez Gene:** 6468 Human Omim: 608071 Human **SwissProt:** P57775 Human **Unigene:** 500822 Human 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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