bs-8390R **[Primary Antibody]**

SHFM3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6468 **SWISS:** P57775

Target: SHFM3

Immunogen: KLH conjugated synthetic peptide derived from human SHFM3: 171-270/412.

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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

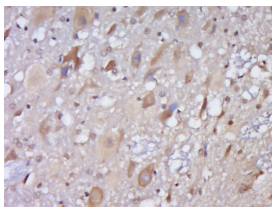
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:50-200)

Reactivity: Rat (predicted: Human, Mouse)

Predicted MW.: 46 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SHFM3) Polyclonal Antibody, Unconjugated (bs-8390R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.