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## anti-FBXW4 antibody (AA 171-270) (Biotin)



#### Overview

Quantity:	100 μL
Target:	FBXW4
Binding Specificity:	AA 171-270
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXW4 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human SHFM3
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	FBXW4
Alternative Name:	SHFM3 (FBXW4 Products)
Background:	Synonyms: DAC, Dactylin, F box and WD 40 domain containing protein 4, F box and WD 40

domain protein 4, F box and WD repeat domain containing 4, F box/WD repeat containing protein 4, F box/WD repeat protein 4, F-box and WD-40 domain-containing protein 4, F-box/WD repeat-containing protein 4, FBW 4, FBW4, FBWD 4, FBWD4, FBXW 4, FBXW4, FBXW4\_HUMAN, SHFM 3, SHSF 3, SHSF3, Split hand/foot malformation ectrodactyly type.

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.

Gene ID:

6468

#### **Application Details**

Application Notes:	IHC-P 1:200-400
Restrictions:	For Research Use only

Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months