产品名称：SUFU Mouse Monoclonal Antibody
产品货号：AMM86079

产品概述（Summary）

产品名称（Production Name）	SUFU Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	WB
种属反应性（Reactivity）	Human, African Green Mouseonkey, Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	Mouse IgG1
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Purified antibody in PBS with 0.05% sodium azide.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	SUFU
别名（Alternative Names）	Suppressor of fused homolog, SUFUH, SUFU
基因 ID（Gene ID）	51684.0
蛋白 ID（SwissProt ID）	Q9UMX1.This SUFU antibody is generated from a mouse immunized with a recombinant protein of human SUFU.

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:1000-1:2000
蛋白分子量（Molecular Weight）	53.9kDa

研究背景（Background）

Negative regulator in the hedgehog signaling pathway. Down-regulates GLI1-mediated transactivation of target genes.

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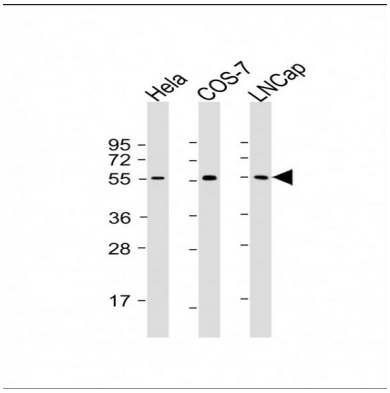
Part of a corepressor complex that acts on DNA-bound GLI1. May also act by linking GLI1 to BTRC and thereby targeting GLI1 to degradation by the proteasome. Sequesters GLI1, GLI2 and GLI3 in the cytoplasm, this effect is overcome by binding of STK36 to both SUFU and a GLI protein. Negative regulator of beta-catenin signaling. Regulates the formation of either the repressor form (GLI3R) or the activator form (GLI3A) of the full length form of GLI3 (GLI3FL). GLI3FL is complexed with SUFU in the cytoplasm and is maintained in a neutral state. Without the Hh signal, the SUFU- GLI3 complex is recruited to cilia, leading to the efficient processing of GLI3FL into GLI3R. When Hh signaling is initiated, SUFU dissociates from GLI3FL and the latter translocates to the nucleus, where it is phosphorylated, destabilized, and converted to a transcriptional activator (GLI3A). Required for the proper formation of hair follicles and the control of epidermal differentiation (By similarity).

研究领域（Research Area）

图片（Image Data）



All lanes : Anti-SUFU Antibody at 1:2000 dilution

注意事项（Note）

For research use only .