anti- MACF1 antibody

Product Information

Catalog No.:	FNab04921
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Isoform 2 is a F-actin-binding protein which may play a role in cross-linking actin to other cytoskeletal proteins and also binds to microtubules. Plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. Acts as a positive regulator of Wnt receptor signaling pathway and is involved in the translocation of AXIN1 and its associated complex(composed of APC, CTNNB1 and GSK3B) from the cytoplasm to the cell membrane. Has actin-regulated ATPase activity and is essential for controlling focal adhesions(FAs) assembly and dynamics. May play role in delivery of transport vesicles containing GPI-linked proteins from the trans-Golgi network through its interaction with GOLGA4. Plays a key role in wound healing and epidermal cell migration. Required for efficient upward migration of bulge cells in response to wounding and this function is primarily rooted in its ability to coordinate MT dynamics and polarize hair follicle stem cells(By similarity).

Immunogen information

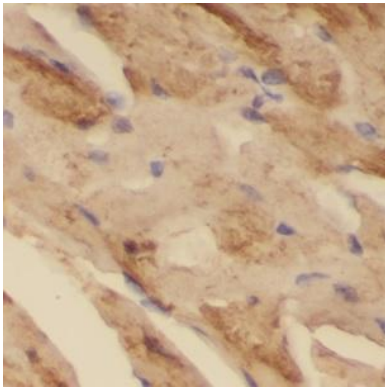|	
Immunogen:	microtubule-actin crosslinking factor 1
Synonyms:	ABP620, ACF7, KIAA0465, KIAA1251
Observed MW:	83 kDa
Uniprot ID :	Q9UPN3

Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IHC, IF

Recommended dilution: IHC: 1:20-1:200; IF: 1:20-1:200

Image:

Immunohistochemical analysis of paraffin-embedded human heart tissue slide using FNab04921(MACF1 antibody) at dilution of 1:200

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