Datasheet for ABIN7159744 anti-MACF1 antibody (AA 1936-2150) (FITC)

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Overview

Quantity:	100 µL
Target:	MACF1
Binding Specificity:	AA 1936-2150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MACF1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5 protein (1936- 2150AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MACF1
Alternative Name:	MACF1 (MACF1 Products)
Background:	Background: Isoform 2 is a F-actin-binding protein which may play a role in cross-linking actin

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	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).
	Aliases: MACF1 antibody, ABP620 antibody, ACF7 antibody, KIAA0465 antibody, KIAA1251
	antibody, Microtubule-actin cross-linking factor 1 antibody, isoforms 1/2/3/5 antibody, 620 kDa
	actin-binding protein antibody, ABP620 antibody, Actin cross-linking family protein 7 antibody,
	Macrophin-1 antibody, Trabeculin-alpha antibody
UniProt:	Q9UPN3
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.