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Datasheet for ABIN7159743

**anti-MACF1 antibody (AA 1936-2150) (Biotin)**

## Overview

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

## Product Details

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

## Target Details

Target:	MACF1
Alternative Name:	MACF1 ( <a href="#">MACF1 Products</a> )
Background:	Background: Isoform 2 is a F-actin-binding protein which may play a role in cross-linking actin

## Target Details

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

Application Notes: Optimal working dilution should be determined by the investigator.

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.