antibodies -online.com







anti-MACF1 antibody (AA 1936-2150)



Image



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| Quantity: | 100 μL |
|----------------------|--------------------------------------|
| Target: | MACF1 |
| Binding Specificity: | AA 1936-2150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MACF1 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |
| | |

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

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:

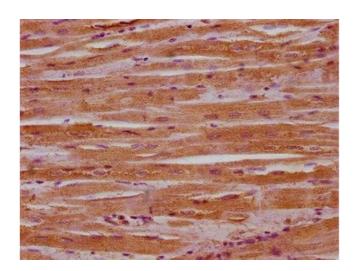
Q9UPN3

Application Details

Application Notes:

| 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. | |

Recommended dilution: IHC:1:200-1:500,



Immunohistochemistry

Image 1. IHC image of ABIN7159742 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.