

Allgemeine Informationen

Katalog-Nr.: 55145-1-AP	GenBank-Zugangsnummer: NM_006135	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 750 µg/ml von Nanodrop und 620 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 829	Empfohlene Verdünnungen: WB 1:200-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: capping protein (actin filament) muscle Z-line, alpha 1	
Isotyp: IgG	Berechnete Masse: 33 kDa	
	Beobachtete Masse: 34-40 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Herzgewebe, Mausherzgewebe, Maushirngewebe

IHC : humanes Kolonkarzinomgewebe, humanes Magenkrebsgewebe

Hintergrundinformationen

CAPZA1 belongs to the F-actin-capping protein alpha subunit family. F-actin-capping proteins bind in a Ca²⁺-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. The potential for CAPZ is a therapeutic target in the management of heart failure. Future research is required to determine the mechanisms by which changes in CAPZ impact myocardial function and intracellular signalling, and to develop feasible strategies that can manipulate CAPZ in the intact heart. (PMID: 15614336) This antibody is specific to CAPZA1.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

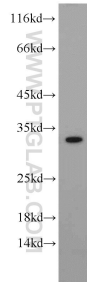
For technical support and original validation data for this product please contact:

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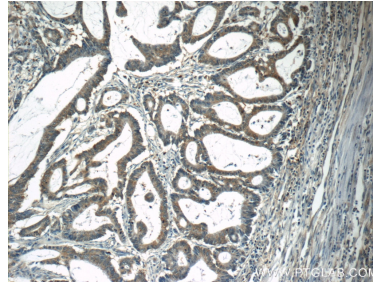
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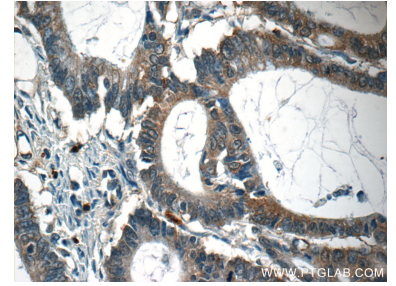
Ausgewählte Validierungsdaten



human heart tissue were subjected to SDS PAGE followed by western blot with 55145-1-AP (CAPZA1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55145-1-AP (CAPZA1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55145-1-AP (CAPZA1 Antibody) at dilution of 1:50 (under 40x lens).