Datasheet for ABIN2690042

anti-CNN1 antibody (AA 201-297) (PE)

1 Publication

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Overview

Quantity:	100 µL
Target:	CNN1
Binding Specificity:	AA 201-297
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNN1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Calponin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CNN1
Alternative Name:	Calponin 1 (CNN1 Products)
Background:	Synonyms: SMCC, Sm-Calp, HEL-S-14, Calponin-1, Basic calponin, Calponin H1, smooth muscle,

Target Details

	CNN1 Background: Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).
Gene ID:	1264
UniProt:	P51911

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Du, Wang, Zhao, Li, Kong, Yang, Zhang: "Gradient nanofibrous chitosan/poly ?-caprolactone scaffolds as extracellular microenvironments for vascular tissue engineering." in: **Biomaterials**, Vol. 33, Issue 3, pp. 762-70, (2011) (PubMed).