Mouse anti-Human Calponin-1 Monoclonal Antibody | anti-CNN1 antibody

Calponin-1 (ABT133) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320709	**Mouse**	**Human**	**ELISA, Immunofluorescence, Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

Calponin-1; Monoclonal Antibody; Calponin-1 (ABT133) Antibody; Basic calponin?Calponin 1?Calponin 1 basic smooth muscle?Calponin H1?Calponin H1 smooth muscle?Calponin-1?Calponin1?Calponins basic?CNN 1?Cnn1?CNN1_HUMAN?Epididymis secretory protein Li 14?HEL S 14?Sm Calp?SMCC?smooth muscle; anti-CNN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a, kappa
Clone Number	ABT133
Specificity	The antibody can specifically recognize human and mouse calponin-1 protein. In western blotting of Hela, LnCap and mouse muscle lysates, the antibody can label a 34 kDa band corresponding to calponin-1.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-CNN1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Human smooth muscle tissue was stained with anti-calponin-1(ABT133) antibody.



IHC (Immunohiostchemistry)
Human appendix tissue was stained with anti-calponin-1(ABT133) antibody.



SDS-PAGE
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Calponin-1 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CNN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361120
NCBI GeneID	1264
NCBI Accession #	NP_001290.2
NCBI GenBank Nucleotide #	NM_001299.4
UniProt Accession #	P51911; O00638; Q15416; Q8IY93; Q99438; B2R868; B4DUX6
Molecular Weight	31,055 Da
NCBI Official Full Name	calponin-1
NCBI Official Synonym Full Names	calponin 1, basic, smooth muscle
NCBI Official Symbol	CNN1
NCBI Official Synonym Symbols	SMCC; Sm-Calp; HEL-S-14
NCBI Protein Information	calponin-1; basic calponin; calponin H1, smooth muscle; calponins, basic; epididymis secretory protein Li 14
UniProt Protein Name	Calponin-1
UniProt Gene Name	**CNN1**
UniProt Entry Name	CNN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/calponin-1-antibody-clone-abt133-immunofluorescence-western-blot-immunohistochemistry-elisa/320709