Anti-CNN1 antibody (100-200 aa) [ABT133] (STJ197107)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC/WB
Host / Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

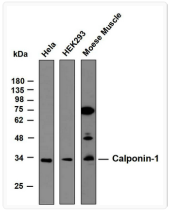
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 WB 1:200-1000 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2ak
Molecular Weight	Calculated: 33kD Observed: 34kD
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

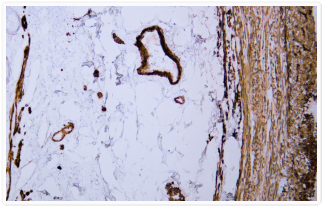
Gene ID	1264
Gene Symbol	CNN1
UniProt ID	CNN1_HUMAN
Immunogen Region	100-200 aa
Specificity	The antibody can specifically recognize human and mouse calponin-1 protein. In western blotting of Hela, LnCap and mouse muscle lysates, the antibody can label a 34KDa band corresponding to calponin-

ADDITIONAL INFORMATION

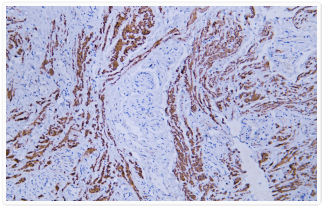
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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. Predicted band size: 34 kDa



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



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