

Anti-PAN-CALD1 antibody (100-200 aa) [ABT125] (STJ197106)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

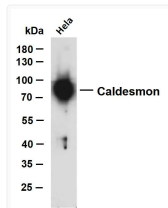
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 WB 1:200-1000 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2ak
Molecular Weight	Calculated: 93kD Observed: 93kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

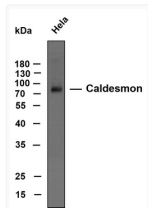
Gene ID	800
Gene Symbol	CALD1
UniProt ID	CALD1_HUMAN
Immunogen Region	100-200 aa
Specificity	The antibody can recognize human h-caldesmon and l-caldesmon protein. In western blotting, the antibody labels a 93kDa band.

ADDITIONAL INFORMATION

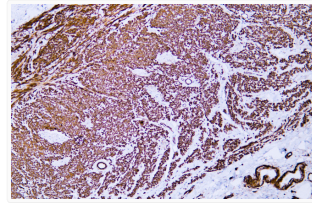
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



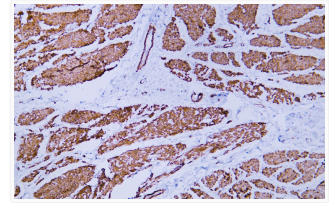
HeLa whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Caldesmon (ABT125) antibody. The HRP-conjugated Goat anti-mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 93kDa Observed band size: 93kDa



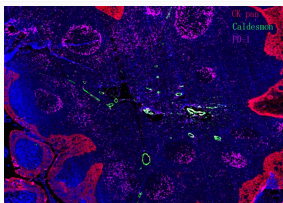
Whole cell lysates of HeLa were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Caldesmon antibody. The HRP-conjugated anti-mouse IgG antibody was used to detect the antibody. Predicted band size: 93 (75) kDa



Human appendix tissue was stained with anti-Caldesmon (ABT125) antibody.



Human smooth muscle tissue was stained with anti-Caldesmon (ABT125) antibody.



Fluorescence multiplex immunohistochemical analysis of normal human appendix tissue (formalin-fixed paraffin-embedded section). The section was incubated in 3 rounds of staining; in the order of CK PAN. (STJ197095 1/200 dilution), PD-1. (STJ196857 1/200 dilution), Caldesmon pan. (STJ197106 1/200 dilution), each using a separate fluorescent tyramide signal amplification system : Treble-Fluorescence immunohistochemical mouse/rabbit kit (pH9.0)