Datasheet for ABIN656350
anti-CNN2 antibody (N-Term)

2   Images

Overview

Quantity:	400 μL
Target:	CNN2
Binding Specificity:	AA 9-36, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CNN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-36 amino acids from the N-terminal region of human CNN2.
Clone:	RB19801
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CNN2
Alternative Name:	CNN2 (CNN2 Products)
Background:	The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and

Target Details

tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Two transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	33697
Gene ID:	1265
NCBI Accession:	NP_004359, NP_958434
UniProt:	Q99439

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

|	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CNN2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

Images

uterus tissue

A2058

95
72
55
36
28
17
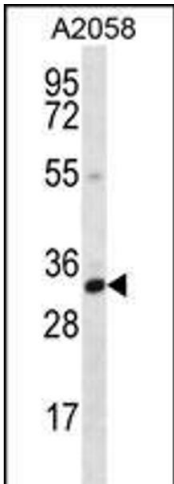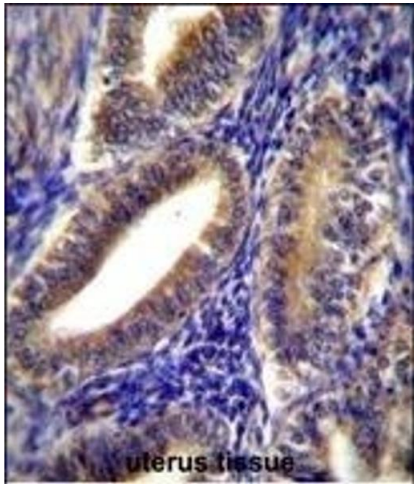
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CNN2 Antibody (N-term) (ABIN656350 and ABIN2845649) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CNN2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. CNN2 Antibody (N-term) (ABIN656350 and ABIN2845649) western blot analysis in cell line lysates (35 µg/lane).This demonstrates the CNN2 antibody detected the CNN2 protein (arrow).