

Datasheet for ABIN7161139
anti-COBRA1 antibody (AA 8-199)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	COBRA1
Binding Specificity:	AA 8-199
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COBRA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Recombinant Human Negative elongation factor B protein (8-199AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	COBRA1
Alternative Name:	NELFB (COBRA1 Products)
Background:	Background: Essential component of the NELF complex, a complex that negatively regulates

Target Details

the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. The NELF complex is involved in HIV-1 latency possibly involving recruitment of PCF11 to paused RNA polymerase II. Binds RNA which may help to stabilize the NELF complex on nucleic acid. In vitro, binds weakly to the HIV-1 TAR RNA which is located in the long terminal repeat (LTR) of HIV-1. May be able to induce chromatin unfolding.

Aliases: NELFB antibody, COBRA1 antibody, KIAA1182 antibody, Negative elongation factor B antibody, NELF-B antibody, Cofactor of BRCA1 antibody

UniProt: [Q8WX92](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

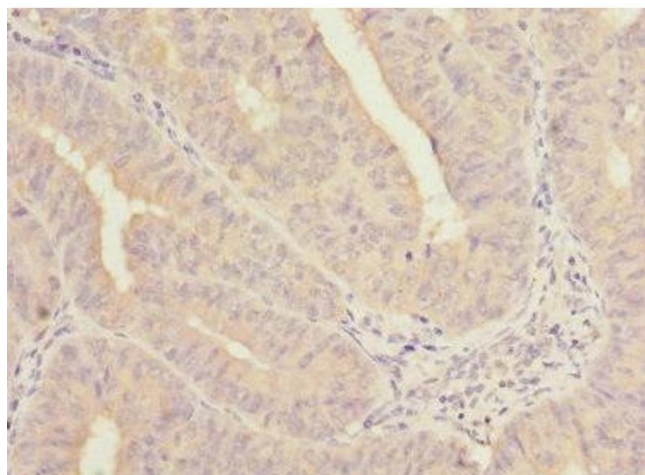
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



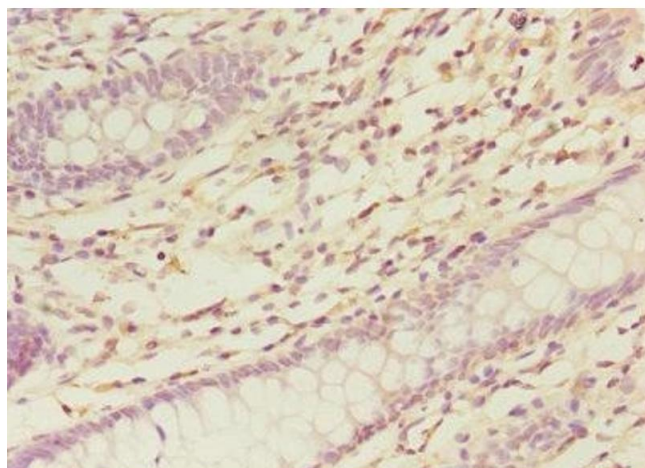
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7161139 at dilution of 1:100



Western Blotting

Image 2. Western Blot All lanes: NELFB antibody at 2 µg/mL
Lane 1: NIH/3T3 whole cell lysate Lane 2: HL60 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/15000 dilution Predicted band size: 66 kDa Observed band size: 66 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7161139 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7161139.