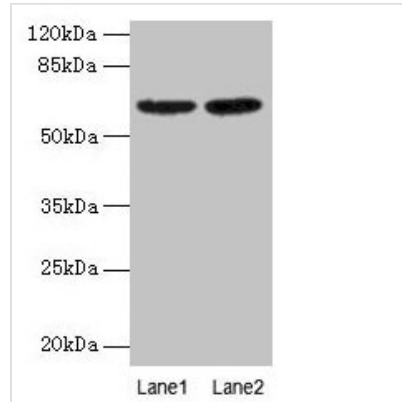




# NELFB Antibody

<b>Product Code</b>	CSB-PA03765A0Rb
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q8WX92
<b>Immunogen</b>	Recombinant Human Negative elongation factor B protein (8-199AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC, ChIP; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
<b>Relevance</b>	Essential component of the NELF complex, a complex that negatively regulates 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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Negative elongation factor B (NELF-B) (Cofactor of BRCA1), NELFB, COBRA1 KIAA1182
<b>Species</b>	Human
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Target Names</b>	NELFB
<b>Image</b>	


**Western Blot**

All lanes: NELFB antibody at 2 $\mu$ g/ml

Lane 1: NIH/3T3 whole cell lysate

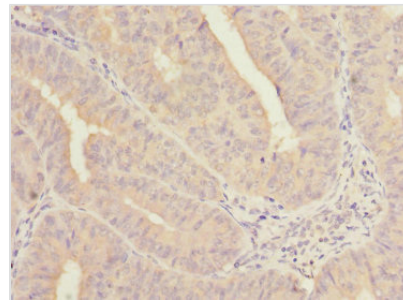
Lane 2: HL60 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/15000 dilution

Predicted band size: 66 kDa

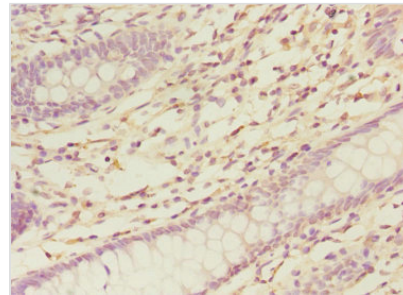
Observed band size: 66 kDa



Immunohistochemistry of paraffin-embedded

human endometrial cancer using CSB-

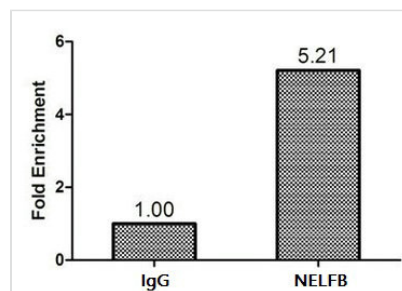
PA03765A0Rb at dilution of 1:100



Immunohistochemistry of paraffin-embedded

human colon cancer using CSB-PA03765A0Rb

at dilution of 1:100



Chromatin Immunoprecipitation HeLa ( $1.1 \times 10^6$ )

were cross-linked with formaldehyde, sonicated,

and immunoprecipitated with 4 $\mu$ g anti-NELFB or

a control normal rabbit IgG. The resulting ChIP

DNA was quantified using real-time PCR with

primers (CSB-PP03765HU) against the TFF1

promoter.