

[Go to Product page](#)

Datasheet for ABIN7161140
anti-COBRA1 antibody (AA 8-199) (Biotin)

Overview

Quantity:	100 µg
Target:	COBRA1
Binding Specificity:	AA 8-199
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COBRA1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Negative elongation factor B protein (8-199AA)
Isotype:	IgG
Cross-Reactivity:	Human
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 the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an

Target Details

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: Optimal working dilution should be determined by the investigator.

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.