

## Negative elongation factor B Polyclonal Antibody

Catalog No: #42401

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

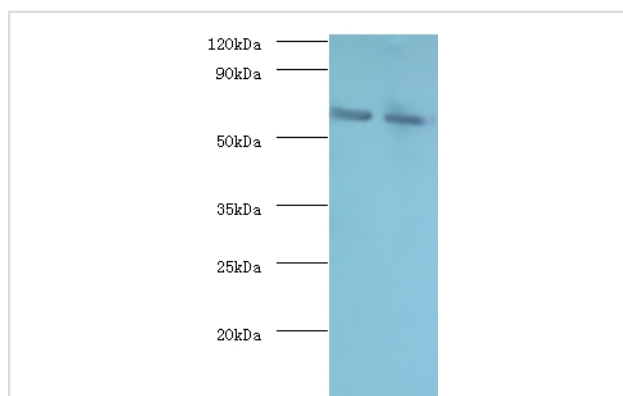
## Description

Product Name	Negative elongation factor B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Negative elongation factor B polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Negative elongation factor B protein
Target Name	Negative elongation factor B
Other Names	Cofactor of BRCA1
Accession No.	Swiss-Prot#: Q8WX92
Uniprot	Q8WX92
GeneID	25920;
Calculated MW	64kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : Negative elongation factor B antibody at 2ug/ml

Lane 1 : EC109 whole cell lysate

Lane 2 : 293T whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 64 kDa

Observed band size : 64 kDa

## 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 association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. May be able to induce chromatin unfolding.

## References

---

[1] "BRCA1-induced large-scale chromatin unfolding and allele-specific effects of cancer-predisposing mutations."Ye Q., Hu Y.-F., Zhong H., Nye A.C., Belmont A.S., Li R.J. Cell Biol. 155:911-921(2001) [2] "Complete sequencing and charact

---

Note: This product is for in vitro research use only