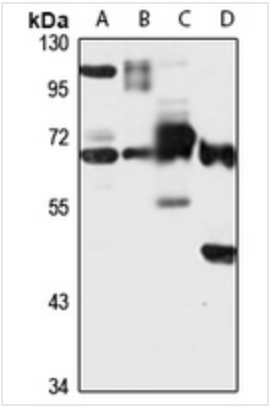
NELF-B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NELF-B, Polyclonal Antibody
Full Product Name	Anti-NELF-B Antibody
Product Gene Name	anti-NELF-B antibody
Product Synonym Gene Name	NELFB
Product Synonym Names	COBRA1; KIAA1182; Negative elongation factor B; NELF-B; Cofactor of BRCA1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of NELF-B protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	580
OMIM	611180
3D Structure	ModBase 3D Structure for Q8WX92
Immunogen	Recombinant fusion protein of human NELF-B. The exact sequence is proprietary.
Applications Tested/Suitable for anti-NELF-B antibody	Western Blot (WB)
Application Notes for anti-NELF-B antibody	WB: 1:500-1:2000
Related Product Information for anti-NELF-B antibody	MBS8307414 is an antibody targeting NELF-B. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to NELF-B
Other Notes	Small volumes of anti-NELF-B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-NELF-B antibody
Western blot analysis of NELF-B expression in HEK293T (A), SKOV3 (B), mouse brain (C), mouse liver (D) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NELF-B. It may not necessarily be applicable to this product.

NCBI GI #	38372378
NCBI GeneID	25920
NCBI Accession #	Q8WX92.1
UniProt Primary Accession #	Q8WX92
UniProt Secondary Accession #	Q8C4Y3
UniProt Related Accession #	Q8WX92
NCBI Official Full Name	Negative elongation factor B
NCBI Official Synonym Full Names	negative elongation factor complex member B
NCBI Official Symbol	NELFB
NCBI Official Synonym Symbols	COBRA1; NELF-B
UniProt Protein Name	Negative elongation factor B
UniProt Synonym Protein Names	Cofactor of BRCA1
Protein Family	Negative elongation factor
UniProt Gene Name	NELFB
UniProt Synonym Gene Names	COBRA1; KIAA1182; NELF-B
UniProt Entry Name	NELFB_HUMAN
NCBI Protein Information	negative elongation factor B; cofactor of BRCA1; negative elongation factor protein B
NCBI Summary for NELF-B	NELFB is a subunit of negative elongation factor (NELF), which also includes NELFA (WHSC2; MIM 606026), either NELFC or NELFD (TH1L; MIM 605297), and NELFE (RDBP; MIM 154040). NELF acts with DRB sensitivity-inducing factor (DSIF), a heterodimer of SPT4 (SUPT4H1; MIM 603555) and SPT5 (SUPT5H; MIM 602102), to cause transcriptional pausing of RNA polymerase II (see MIM 180660) (Narita et al., 2003 [PubMed 12612062]).[supplied by OMIM, Mar 2008]

UniProt Comments for NELF-B	COBRA1: a subunit of the multisubunit transcription elongation factor NELF (negative elongation factor). May be involved in transcriptional pausing of RNA polymerase II (RNAPII). Interacts with the first BRCT repeat of BRCA1. Protein type: Nuclear receptor co-regulator; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 9q34 Cellular Component: nucleoplasm; cytoplasm Molecular Function: protein binding Biological Process: transcription from RNA polymerase II promoter; viral reproduction; positive regulation of viral transcription; RNA elongation from RNA polymerase II promoter; gene expression; negative regulation of transcription, DNA-dependent
Research Articles on NELF-B	**1.** These studies allow us to position the actions of two new modulators of GR-regulated transactivation, NELF-A and NELF-B, relative to other factors in the overall gene induction sequence.
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