

Product Name: KD-Validated OBFC2B Mouse Monoclonal Antibody**Catalog #: KVA00271**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000
Molecular Weight	Calculated MW: 22.3kDa

Antigen Information

Gene Name	NABP2 NABP2; Nucleic Acid Binding Protein 2; SOSS-B1; HSSB1; SSB1; Sensor Of Single-Strand DNA Complex Subunit B1; OBFC2B; Oligonucleotide/Oligosaccharide-Binding Fold-Containing
Alternative Names	Protein 2B; Oligonucleotide/Oligosaccharide-Binding Fold Containing 2B; Single-Stranded DNA-Binding Protein 1; Single Strand DNA-Binding Protein 1; Sensor Of SsDNA Subunit B1; SOSS Complex Subunit B1; MGC2731; Nucleic Acid-Binding Protein; LP3587
Gene ID	79035.0
SwissProt ID	Q9BQ15
Immunogen	Recombinant protein of human OBFC2B

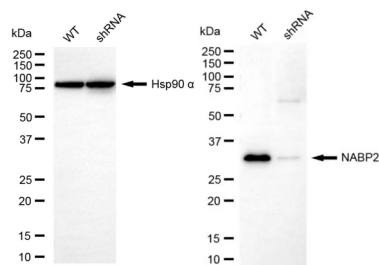
Background

Single-stranded DNA (ssDNA)-binding proteins, such as OBFC2B, are ubiquitous and essential for a variety of DNA metabolic processes, including replication, recombination, and detection and repair of damage (Richard et al., 2008 [PubMed 18449195]). [supplied by OMIM, Jun 2008]

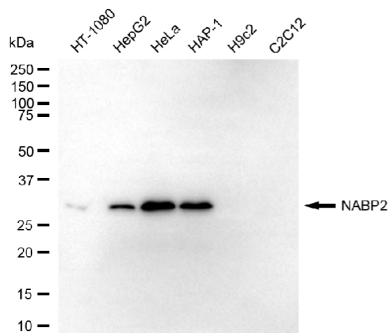
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using NABP2 antibody (KVA00271). NABP2 expression in wild-type (WT) and NABP2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with NABP2 antibody (KVA00271, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using NABP2 antibody (KVA00271). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with NABP2 antibody (KVA00271, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.