

WHSC2 Antibody

Catalog No: #48444

Package Size: #48444-1 50ul #48444-2 100ul

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Description

Product Name	WHSC2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	H8-B11
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Rt
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	FLJ10442 antibody FLJ25112 antibody Negative elongation factor A antibody Negative elongation factor polypeptide A antibody NELF A antibody NELF-A antibody NELFA antibody NELFA_HUMAN antibody P/OKcl.15 antibody P/OKcl15 antibody WHSC 2 antibody Whsc2 antibody Wolf Hirschhorn syndrome candidate 2 antibody Wolf Hirschhorn syndrome candidate 2 protein antibody Wolf-Hirschhorn syndrome candidate 2 protein antibody
Accession No.	Swiss-Prot#:Q9H3P2
Calculated MW	57 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000 IHC: 1:100-1:200 ICC: 1:50-1:200 FC: 1:100-1:200

Background

NELF-A, for negative elongation factor A, is a protein factor required for DRB-sensitive transcription. NELF-A is one of the five components of the multisubunit NELF complex that cooperates with DSIF to repress RNA polymerase II elongation. Control of transcription elongation requires a complex interplay between positive transcription elongation factor b (P-TEFb) and negative transcription elongation factors, DSIF and NELF. DSIF and NELF act as negative transcription elongation factors by increasing the time the polymerase spends at pause sites. DSIF/NELF inhibition of transcription is prevented by P-TEFb in cooperation with FACT. NELF-A is also known as WHSC2 (Wolf-Hirschhorn syndrome candidate 2). Wolf-Hirschhorn syndrome is a multiple malformation syndrome characterized by mental and developmental defects resulting from a hemizygous deletion of the distal short arm of chromosome 4 (4p16.3). The human NELF-A gene maps to chromosome 4p16.3 and encodes a 528 amino acid protein that is expressed in endothelial cells.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.