

## SUPV3L1 antibody

### Product Information

Catalog No.:	FNab08397
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Major helicase player in mitochondrial RNA metabolism. Component of the mitochondrial degradosome(mtEXO) complex, that degrades 3' overhang double-stranded RNA with a 3'-to-5' directionality in an ATP-dependent manner. ATPase and ATP-dependent multisubstrate helicase, able to unwind double-stranded(ds) DNA and RNA, and RNA/DNA heteroduplexes in the 5'-to-3' direction. Plays a role in the RNA surveillance system in mitochondria; regulates the stability of mature mRNAs, the removal of aberrantly formed mRNAs and the rapid degradation of non coding processing intermediates. Also implicated in recombination and chromatin maintenance pathways. May protect cells from apoptosis. Associates with mitochondrial DNA.

### Immunogen information

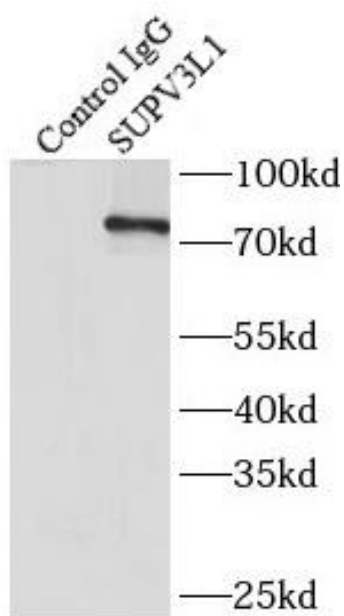
Immunogen:	suppressor of var1, 3-like 1
Synonyms:	ATP-dependent RNA helicase SUPV3L1, mitochondrial Suppressor of var1 3-like protein 1 (SUV3-like protein 1) SUPV3L1 SUV3
Observed MW:	70-80 kDa
Uniprot ID :	Q8IYB8

### Application

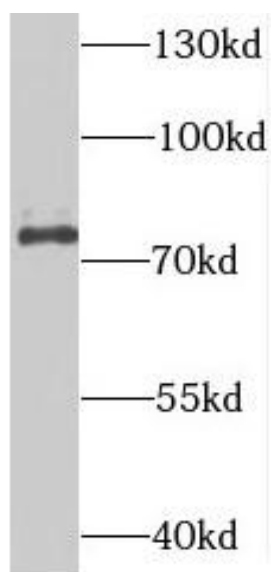
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IP, WB

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000

Image:



IP Result of anti-SUPV3L1 (IP:FNab08397, 4ug;  
Detection:FNab08397 1:300) with HeLa cells  
lysate 1200ug.



HeLa cells were subjected to SDS PAGE followed  
by western blot with FNab08397(SUPV3L1  
Antibody) at dilution of 1:600