

[Go to Product page](#)

Datasheet for ABIN7119615 **anti-SUPV3L1 antibody**

Overview

Quantity:	100 µg
Target:	SUPV3L1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUPV3L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), ELISA

Product Details

Immunogen:	suppressor of var1, 3-like 1(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SUPV3L1
Alternative Name:	SUPV3L1 (SUPV3L1 Products)
Background:	Synonyms:SUV3 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

Target Details

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.

Molecular Weight: 70-80 kDa

UniProt: [Q8IYB8](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months