

Rabbit SUPV3L1 Polyclonal Antibody | anti-SUPV3L1 antibody

SUPV3L1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284728	Rabbit	Human, mouse, rat	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SUPV3L1; Polyclonal Antibody; SUPV3L1 Antibody (N-term); ATP-dependent RNA helicase SUPV3L1; mitochondrial; Suppressor of var1 3-like protein 1; SUV3-like protein 1; SUV3; anti-SUPV3L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB24555
Specificity	This SUPV3L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-121 amino acids from the N-terminal region of human SUPV3L1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	93-121
Sequence Length	786
Applicable Applications for anti-SUPV3L1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Nucleus. Mitochondrion Matrix, Mitochondrion Nucleoid.
Tissue Location	Broadly expressed.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

SUPV3L1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

SUPV3L1 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SUPV3L1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of SUPV3L1 Antibody (N-term) in K562 cell line lysates (35ug/lane). SUPV3L1 (arrow) was detected using the purified Pab.

**WB (Western Blot)**

Western blot analysis of lysates from SW620, PC-3 cell line, mouse kidney, rat kidney tissue lysate (from left to right), using SUPV3L1 Antibody (N-term). AAA284728 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-SUPV3L1 antibody	SUV3L1 is an ATPase and DNA/RNA helicase able to unwind DNA/DNA, DNA/RNA and RNA/RNA duplexes in the 5'-3' direction. It may protect cells from apoptosis.
Product Categories/Family for anti-SUPV3L1 antibody	Cell Biology
References	Szczesny, R.J., et al. Nucleic Acids Res. 38(1):279-298(2010) Wang, D.D., et al. J. Biol. Chem. 284(31):20812-20821(2009) Khidr, L., et al. J. Biol. Chem. 283(40):27064-27073(2008) Bogenhagen, D.F., et al. J. Biol. Chem. 283(6):3665-3675(2008) Pereira, M., et al. Mech. Ageing Dev. 128 (11-12), 609-617 (2007) Shu, Z., et al. Biochemistry 43(16):4781-4790(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543667
NCBI GeneID	6832
NCBI Accession #	NP_003162.2
NCBI GenBank Nucleotide #	NM_003171.4
UniProt Accession #	Q8IYB8 ; O43630 ; A8K301
NCBI Official Full Name	ATP-dependent RNA helicase SUPV3L1, mitochondrial isoform 1
NCBI Official Synonym Full Names	suppressor of var1, 3-like 1 (S. cerevisiae)
NCBI Official Symbol	SUPV3L1
NCBI Official Synonym Symbols	SUV3
NCBI Protein Information	ATP-dependent RNA helicase SUPV3L1, mitochondrial
UniProt Protein Name	ATP-dependent RNA helicase SUPV3L1, mitochondrial
UniProt Gene Name	SUPV3L1
UniProt Synonym Gene Names	SUV3; SUV3-like protein 1
UniProt Entry Name	SUV3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/supv3l1-antibody-clone-rb24555-flow-cytometry-immunohistochemistry-western-blot-elisa/284728>