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SKIV2L2 Rabbit pAb

货号: **AYP11938**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Homo sapiens WB: Homo sapiens
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IP: 1:100 - 1:500
理论分子量	117kDa
实测分子量	123kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,22RV1,293T,U-87MG,Mouse testis,Mouse spleen
细胞定位	Nucleus,nucleolus,nucleoplasm
纯化	Affinity purification

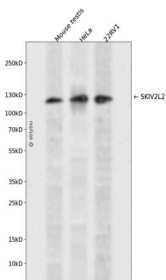
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-304 of human SKIV2L2 (NP_056175.3).
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靶点信息

研究背景	Catalyzes the ATP-dependent unwinding of RNA duplexes with a single-stranded 3' RNA extension. Central subunit of many protein complexes, namely TRAMP-like, nuclear exosome targeting (NEXT and poly(A) tail exosome targeting (PAXT. NEXT functions as an RNA exosome cofactor that directs a subset of non-coding short-lived RNAs for exosomal degradation. NEXT is involved in surveillance and turnover of aberrant transcripts and non-coding RNAs. PAXT directs a subset of long and polyadenylated poly(A) RNAs for exosomal degradation. The RNA exosome is fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor ZCCHC8, which links to RNA-binding protein adapters. Associated with the RNA exosome complex and involved in the 3'-processing of the 7S pre-rRNA to the mature 5.8S rRNA. May be involved in pre-mRNA splicing. In the context of NEXT complex can also in vitro unwind DNA:RNA heteroduplexes with a 3' poly(A) RNA tracking strand. Can promote unwinding and degradation of structured RNA substrates when associated with the nuclear exosome and its cofactors. Can displace a DNA strand while translocating on RNA to ultimately degrade the RNA within a DNA/RNA heteroduplex. Plays a role in DNA damage response.
基因ID	23517
基因名	SKIV2L2
Swiss	P42285 (https://www.uniprot.org/uniprotkb/P42285/entry)
别名	SKIV2L2,Dob1,KIAA0052,Mtr4,fSAP118,SKIV2L2 Rabbit pAb,ATP-dependent RNA helicase DOB1,ATP-dependent RNA helicase SKIV2L2,Superkiller viralicidic activity 2-like 2,TRAMP-like complex helicase

产品验证



Western blot analysis of SKIV2L2 expressed in Mouse testis, HeLa, 22RV1 using SKIV2L2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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