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STRA13 Rabbit pAb

货号: **AYP15714**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	6kDa/7kDa/8kDa
实测分子量	14kDa
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	H460
细胞定位	Chromosome,Nucleus,centromere,kinetochore
纯化	Affinity purification

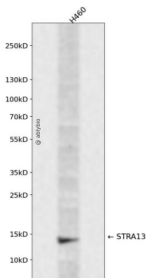
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-63 of human STRA13 (NP_659435.2).
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靶点信息

研究背景	DNA-binding component of the Fanconi anemia (FA core complex. Required for the normal activation of the FA pathway, leading to monoubiquitination of the FANCI-FANCD2 complex in response to DNA damage, cellular resistance to DNA cross-linking drugs, and prevention of chromosomal breakage. In complex with CENPS (MHF heterodimer, crucial cofactor for FANCM in both binding and ATP-dependent remodeling of DNA. Stabilizes FANCM. In complex with CENPS and FANCM (but not other FANC proteins, rapidly recruited to blocked forks and promotes gene conversion at blocked replication forks. In complex with CENPS, CENP T and CENPW (CENP-T-W-S-X heterotetramer, involved in the formation of a functional kinetochore outer plate, which is essential for kinetochore-microtubule attachment and faithful mitotic progression. As a component of MHF and CENP-T-W-S-X complexes, binds DNA and bends it to form a nucleosome-like structure. DNA-binding function is fulfilled in the presence of CENPS, with the following preference for DNA substrate: Holliday junction > double-stranded > splay arm > single-stranded. Does not bind DNA on its own.
基因ID	201254
基因名	CENPX
Swiss	A8MT69 (https://www.uniprot.org/uniprotkb/A8MT69/entry)
别名	CENPX,CENP-X,D9,FAAP10,MHF2,STRA13,STRA13 Rabbit pAb,FANCM-associated histone fold protein 2,FANCM-interacting histone fold protein 2,Fanconi anemia-associated polypeptide of 10 kDa,Retinoic acid-inducible gene D9 protein homolog,Stimulated by retinoic acid gene 13 protein homolog

产品验证



Western blot analysis of STRA13 expressed in H460 using STRA13 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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