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ZRANB3 Rabbit pAb

货号: **AYP11675**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus
应用	WB
推荐浓度	WB: 1:1000 - 1:3000
理论分子量	42kDa/49kDa/67kDa/123kDa
实测分子量	123kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Raji,Jurkat,293T,Mouse liver,Mouse heart,Mouse brain,Rat liver
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

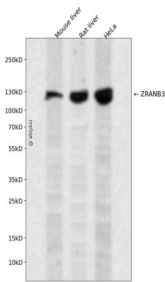
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 818-1077 of human ZRANB3 (NP_001273497.1).
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靶点信息

研究背景	DNA annealing helicase and endonuclease required to maintain genome stability at stalled or collapsed replication forks by facilitating fork restart and limiting inappropriate recombination that could occur during template switching events. Recruited to the sites of stalled DNA replication by polyubiquitinated PCNA and acts as a structure-specific endonuclease that cleaves the replication fork D-loop intermediate, generating an accessible 3'-OH group in the template of the leading strand, which is amenable to extension by DNA polymerase. In addition to endonuclease activity, also catalyzes the fork regression via annealing helicase activity in order to prevent disintegration of the replication fork and the formation of double-strand breaks.
基因ID	84083
基因名	ZRANB3
Swiss	Q5FWF4 (https://www.uniprot.org/uniprotkb/Q5FWF4/entry)
别名	ZRANB3,4933425L19Rik,AH2,ZRANB3 Rabbit pAb,Annealing helicase 2,Zinc finger Ran-binding domain-containing protein 3

产品验证



Western blot analysis of ZRANB3 expressed in Mouse liver, Rat liver, HeLa using ZRANB3 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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