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# RIPK1/RIP Rabbit pAb

货号: **AYP11050**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> human kidney cancer cells , Ctenopharyngodon idellus , Gallus gallus , Homo sapiens , Rattus norvegicus , Gallus gallus domesticus , Sus scrofa , Mus musculus , Marine Streptomyces sp <b>IP:</b> Mus musculus <b>IF:</b> Mus musculus <b>IHC:</b> Gallus gallus , Rattus norvegicus
应用	WB IHC IF/ICC IP
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:50 - 1:200
理论分子量	70kDa/75kDa
实测分子量	75KDa/38KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,Jurkat,Mouse liver,C6
细胞定位	Cell membrane,Cytoplasm
纯化	Affinity purification

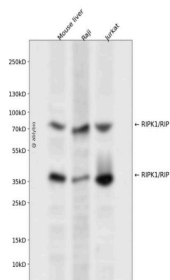
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human RIPK1/RIP (NP_003795.2).
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## 靶点信息

研究背景	3'-5' DNA helicase and substrate-recognition component of the SCF(FBH1 E3 ubiquitin ligase complex that plays a key role in response to stalled/damaged replication forks. Involved in genome maintenance by acting as an anti-recombinogenic helicase and preventing extensive strand exchange during homologous recombination: promotes RAD51 filament dissolution from stalled forks, thereby inhibiting homologous recombination and preventing excessive recombination. Also promotes cell death and DNA double-strand breakage in response to replication stress: together with MUS81, promotes the endonucleolytic DNA cleavage following prolonged replication stress via its helicase activity, possibly to eliminate cells with excessive replication stress. Plays a major role in remodeling of stalled DNA forks by catalyzing fork regression, in which the fork reverses and the two nascent DNA strands anneal. In addition to the helicase activity, also acts as the substrate-recognition component of the SCF(FBH1 E3 ubiquitin ligase complex, a complex that mediates ubiquitination of RAD51, leading to regulate RAD51 subcellular location.
基因ID	8737
基因名	RIPK1
Swiss	Q13546 ( <a href="https://www.uniprot.org/uniprotkb/Q13546/entry">https://www.uniprot.org/uniprotkb/Q13546/entry</a> )
别名	RIP,RIP-1,RIP1,RIPK1,RIPK1/RIP Rabbit pAb,Cell death protein RIP,Receptor-interacting protein 1

## 产品验证



Western blot analysis of RIPK1/RIP expressed in Mouse liver,Raji,Jurkat using RIPK1/RIP Rabbit pAb at 1:10 00. 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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