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Phospho-RIPK1/RIP-S166 Rabbit pAb

货号: AYP12856

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens , Mus musculus **ICH:** Mus musculus **IF:** Mus musculus **ELISA:** Mus musculus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	
实测分子量	75KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29
细胞定位	cytosol,mitochondrion,plasma membrane,ripoptosome
纯化	Affinity purification

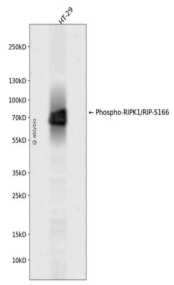
抗原信息

抗原信息	A synthetic phosphorylated peptide around S166 of human RIPK1/RIP (NP_003795.2).

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 (https://www.uniprot.org/uniprotkb/Q13546/entry)
别名	RIP,RIP-1,RIP1,RIPK1,Phospho-RIPK1/RIP-S166 Rabbit pAb,Cell death protein RIP,Receptor-interacting protein 1

产品验证



Western blot analysis of Phospho-RIPK1/RIP-S166 expressed in HT-29 using Phospho-RIPK1/RIP-S166 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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