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SMPD4 Rabbit pAb

货号: **AYP18409**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:200 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	44kDa, 56-69kDa, 83-98kDa
实测分子量	100kDa
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	A-549
细胞定位	Endoplasmic reticulum membrane,Golgi apparatus membrane,Single-pass membrane protein
纯化	Affinity purification

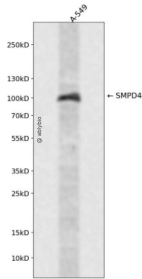
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 600-800 of human SMPD4 (NP_060421.2).
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靶点信息

研究背景	The protein encoded by this gene is a sphingomyelinase that catalyzes the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide. This gene is activated by DNA damage, cellular stress, and tumor necrosis factor, but it is downregulated by wild-type p53. The encoded protein localizes to the endoplasmic reticulum and Golgi network.
基因ID	55627
基因名	SMPD4
Swiss	Q9NXC4 (https://www.uniprot.org/uniprotkb/Q9NXC4/entry)
别名	SMPD4,NET13,NSMASE-3,NSMASE3,SMPD4 Rabbit pAb,Neutral sphingomyelinase 3,Neutral sphingomyelinase III,KIAA1418,SKNY

产品验证



Western blot analysis of SMPD4 expressed in A-549 using SMPD4 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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